

# Blythe Solar Power Project (09-AFC-6C)

Monthly Compliance Report #14  
December 2011 Reporting Period

January 20, 2012

Blythe Solar Power Project  
Monthly Compliance Report #14

---

## Table of Contents

---

Monthly Compliance Report .....	Page 1
Key Events List.....	Exhibit 1
Site Photographs .....	Exhibit 2
Compliance Maintenance Matrix .....	Exhibit 3
Air Quality Construction Mitigation Documentation .....	Exhibit 4
Resource Specialists' Monthly Reports .....	Exhibit 5
Daily Reports .....	Exhibit 6



---

## Abbreviations and Acronyms

---

AFC	Application of Certification
AQ	Air Quality
AQCMM	Air Quality Construction Mitigation Manager
AQCMP	Air Quality Construction Mitigation Plan
BIO	Biological
BLM	Bureau of Land Management
BM	Biological Monitor
BRMIMP	Biological Resources Mitigation Implementation and Monitoring Plan
BSPP	Blythe Solar Power Project
CARB	California Air Resources
Caltrans	California Department of Transportation
CBO	Chief Building Official
CDFG	California Department of Fish & Game
CEC	California Energy Commission
COM	Compliance
CPM	Compliance Project Manager
CRS	Cultural Resources Specialist
CSS	Construction Safety Supervisor's
CUL	Cultural
DB	Designated Biologist
DESCP	Drainage, Erosion, and Sediment Control Plan
FAA	Federal Aviation Administration
HTF	Heat Transfer Fluid

KPC	Kiewit Power Constructors
KPE	Kiewit Power Engineering
LF	Liner Foot
MEC/UXO	Munitions and explosives of concern/Unexploded Ordinances
MECH	Mechanical
MCR	Monthly Compliance Report
PAL	Paleontological
PPA	Project Prehistoric Archaeologist
PQAD	Prehistoric Quarries Archaeological District
PRS	Paleontological resource specialist
PVSI	Palo Verde Solar I, LLC
P&IDs	Piping and Instrumentation Diagram
ROW	Right Of Way
RCFD	Riverside County Fire Department
S&W	Soil & Water
STA	Solar Trust Of America
STRUC	Structural
SWPPP	Storm Water Pollution Prevention Plan
TRANS	Transmission
TSE	Transmission System Engineering
USFWS	United States Fish and Wildlife Service

---

## **Introduction**

---

On September 15, 2010, the California Energy Commission (CEC) issued a license to Palo Verde Solar I, LLC (PVSI) for the construction and operation of the Blythe Solar Power Project (BSPP). On December 22, 2010 the CEC Compliance Project Manager (CPM) issued a full Notice to Proceed (NTP) letter for BSPP allowing the start of all construction activities associated with Phase 1A of the site.

This document constitutes PVSI's 14<sup>th</sup> monthly compliance report (MCR) for the BSPP, as required by Condition of Certification COM-6 in the CEC Final Decision. The information contained in this report covers environmental compliance activities that were performed during December 2011.

On August 18, 2011, Solar Trust of America (STA) announced the company intends to pursue a switch in technology from concentrated solar thermal to photovoltaics at the BSPP. This commercial decision will require some revised environmental permitting analysis. STA met with the CEC staff on August 24, 2011 to discuss next steps for re-permitting and onsite activities. On August 26, 2011 we submitted a detailed letter explaining the maintenance activities that are planned for the re-permitting period. The purpose of the letter was to explain what activities STA believes are necessary to implement its commitment to remain in compliance with all conditions of certification. On October 20, CEC approved the proposed maintenance plan for the BSPP.

---

## **Overall Project Status**

---

As stated above, and communicated to the CEC, the Project has shifted to maintenance mode in Mid-October 2011. The on-site staff ensured that environmental or health and safety impacts are avoided during the maintenance stage.

A key events list is included in Exhibit 1. The commercial operation date (COD) for the BSPP will be provided upon finalization of the revised Project schedule.

---

## **EPC Activities Accomplished During Reporting Period**

---

This section of the MCR provides detailed information on the engineering, procurement, and construction activities that were accomplished during the reporting period.

All engineering and design activities are currently on hold pending the submittal and approval of the Project redesign. There are no further engineering activities planned until the Project has completed the necessary re-permitting.

**Procurement.** There was no procurement work performed in December 2011 because of STA's decision to re-design the Project.

**Construction.** There was no construction work performed in December 2011 because of STA's decision to re-design the Project. Site photographs are included in Exhibit 2.

---

## Compliance Activities

---

This section of the MCR focuses on PVSI's activities related to ensuring that compliance with all the Conditions of Certification as currently outlined in the BSPP Commission Decision are achieved in a timely and satisfactory manner. The following information is provided per the requirements set forth in Condition of Certification COM-6.

**Compliance Matrix.** The compliance matrix was updated during the reporting period to reflect the dates that compliance submittals were provided to the CEC and the dates approvals were obtained from the CBO, CEC CPM, or delegate agency. A reformatted compliance matrix to reflect the maintenance stage is included as Exhibit 3.

**Completed Compliance Activities.** During the reporting period, the following documents were submitted to the CEC CPM for review and approval.

Date	To	Condition	Subject
12/29/11	CEC	COM-06	MCR # 13

---

**Required Documents Submitted With This Report.** The Commission Decision sets forth specific conditions, many of which include reporting requirements that must be addressed in the Project's MCR. The following paragraphs describe the compliance activities that were completed during the reporting period:

- ♦ AQ-SC01 (AQCOMM): As required by the Condition of Certification, the Air Quality Construction Mitigation Manager (AQCOMM) is responsible for directing and documenting compliance with the construction-related air quality Condition of Certification at the Project site and linear facilities. Additional monitors will be assigned as needed to cover times when there are multiple tasks occurring simultaneously that require oversight, extended hours of construction, or when the AQCOMM is unavailable. A copy of the AQCOMM's monthly report is included in Exhibit 4.

- ♦ AQ-SC02 (AQCMP): Construction mitigation measures as set forth in this condition and in the Project's approved Air Quality Construction Mitigation Plan (AQCMP) were complied with during the reporting period. Specific information on the implementation of the plan's measures is included in the AQCM's Monthly Report included in Exhibit 4.
- ♦ AQ-SC03 (Construction Fugitive Dust Control): In October, as required by AQ-SC3(b), dust palliative was applied to all the areas of disturbance within Phase 1A area. Also in an effort to mitigate dust plumes, speeds are being limited for all Site vehicles.
- ♦ AQ-SC04 (Dust Plume Response Requirement): There are no ongoing construction related activities on Site.
- ♦ AQ-SC05 (Diesel-Fueled Engines Control): All the construction equipment has been removed from the Site.
- ♦ BIO-02&04: A copy of Biological Monitor's (BM) monthly report is included in Exhibit 5.
- ♦ BIO-06: The number of personnel who have received the training to date is 262.
- ♦ BIO-07 (Implementation of Biological Resources Mitigation Implementation and Monitoring Plan [BRMIMP]): The BM's monthly report is included in Exhibit 5.
- ♦ BIO-08: Not applicable to this reporting period.
- ♦ BIO-09: Not applicable to this reporting period.
- ♦ BIO-11: Desert Tortoise compliance verification activities conducted during the reporting period are described in the BM's monthly report included in Exhibit 5.
- ♦ BIO-16: Not applicable to this reporting period.
- ♦ BIO-17: Not applicable to this reporting period.
- ♦ BIO-18: Not applicable to this reporting period.
- ♦ BIO-19: There are no special status plants on the Project Site. No further analysis is required.
- ♦ BIO-22: Not applicable to this reporting period.
- ♦ CIVIL-01: Not applicable to this reporting period.
- ♦ COM-05: A reformatted compliance matrix to reflect the maintenance stage is included in Exhibit 3.

- ♦ COM-06: Key Events List is included in Exhibit 1.
- ♦ CUL-15: The number of personnel who have received the training to date is 262.
- ♦ CUL-16: The Cultural Resource Specialist's monthly report for the reporting period is included in Exhibit 5.
- ♦ GEN-02: Not applicable to this reporting period.
- ♦ GEN-03: No payments were made to the CBO during December.
- ♦ GEN-06: There were no activities requiring special inspection for December.
- ♦ GEN-07: No discrepancy in design and/or construction has been discovered in any engineering work that has undergone CBO design review and approval.
- ♦ GEN-08: To date, no work has been completed that has required CBO inspection and approval.
- ♦ MECH-01: Not applicable to this reporting period.
- ♦ PAL-04: The number of personnel who have received the training to date is 262.
- ♦ PAL-05: Not applicable to this reporting period.
- ♦ PAL-06: Not applicable to this reporting period.
- ♦ S&W-01: On December 12<sup>th</sup>, 13<sup>th</sup> & 18<sup>th</sup>, the project encountered small rain events (approximately 0.08", 0.26" & 0.03" respectively) causing no damage. All erosion and sediment control measures will remain as planned for the foreseeable future and the effectiveness of the DESCP will continue to be evaluated as circumstances warrant (see Daily Reports included in Exhibit 6). The measures set forth within the DESCP were effective for this month.
- ♦ STRUCT-01: Not applicable to this reporting period.
- ♦ STRUC-03: No design changes have been filed with the CBO.
- ♦ STRC-04: There have been no CBO approvals of plan checks this month for submittal to the CPM.
- ♦ TRANS-03: No heavy haul permits were obtained from Caltrans or Riverside County during December.

- ♦ TRANS-04: No encroachment permits were received from Caltrans or Riverside County during December.
- ♦ TRANS-06: No hazardous materials transportation permits were received from Caltrans during December.
- ♦ TSE-01: In accordance with this condition, an updated master submittal log is available online via the CBO's website for the BSPP.
- ♦ TSE-04: Not applicable to this reporting period.
- ♦ Worker Safety-03: No safety issues to report.
- ♦ Worker Safety-04b: Not applicable to this reporting period.

**Submittal Deadlines Not Met.** None.

**Approved Changes to Conditions of Certification.** None.

**Filings or Permits Issued by Other Governmental Agencies.** None.

**Projected Compliance Activities for January 2012/February 2012.** In addition to continued reporting on the standard compliance items that require monthly updates, PVSII anticipates that the following compliance documents will be submitted in the January:

- COM-06: Monthly Compliance Report
- Waste-10: Annual summary of Project-related solid waste disposal

**Listing of Additions to Onsite Compliance Files During Reporting Period.** Copies of the documents included in the exhibits to this monthly compliance report have been added to the onsite compliance files.

**Requests to Dispose of Items Required to be in Compliance Files.** For this reporting period, no requests are being made for the disposal of items listed in the Project owner's compliance files.

Blythe Solar Power Project  
(09-AFC-6C)

Monthly Compliance Report #14

Exhibit 1  
Key Events List



## KEY EVENTS LIST

PROJECT: Blythe Solar Power Project

DOCKET #: 09-AFC-6C

CEC COMPLIANCE PROJECT MANAGER: Mary Dyas

EVENT DESCRIPTION	DATE
Date of Certification	9/15/10
Obtain Site Control	11/04/10
Online Date	TBD
<b>POWER PLANT SITE ACTIVITIES</b>	
Start Site Pre-Mobilization	11/22/10
Start Ground Disturbance	11/29/10
Start Grading	12/15/10
Start Construction	12/15/10
Begin Pouring Major Foundation Concrete	TBD
Begin Installation of Major Equipment (begin erection of ACC)	TBD
Completion of Installation of Major Equipment	TBD
First Combustion of Gas Turbine	TBD
Obtain Building Occupation Permit	TBD
Start Commercial Operation – UNIT 1	TBD
Start Commercial Operation – UNIT 2	TBD
Complete All Construction	TBD
<b>TRANSMISSION LINE ACTIVITIES</b>	
Start T/L Construction	TBD
Synchronization with Grid and Interconnection	TBD
Complete T/L Construction	TBD
<b>HEAT TRANSFER FLUID (HTF) ACTIVITIES</b>	
HTF Delivery	TBD
<b>WATER TREATMENT FACILITY ACTIVITIES</b>	
Turn Over in Commissioning Water Treatment	TBD
Complete Turnover in Commissioning Water Treatment	TBD

Blythe Solar Power Project  
(09-AFC-6C)

Monthly Compliance Report #14

Exhibit 2  
Site Photographs



Main Plant Road (Dracker Drive)



Main Plant Road (Dracker Drive)





Main Plant Road (Dracker Drive)



Shared Services Area

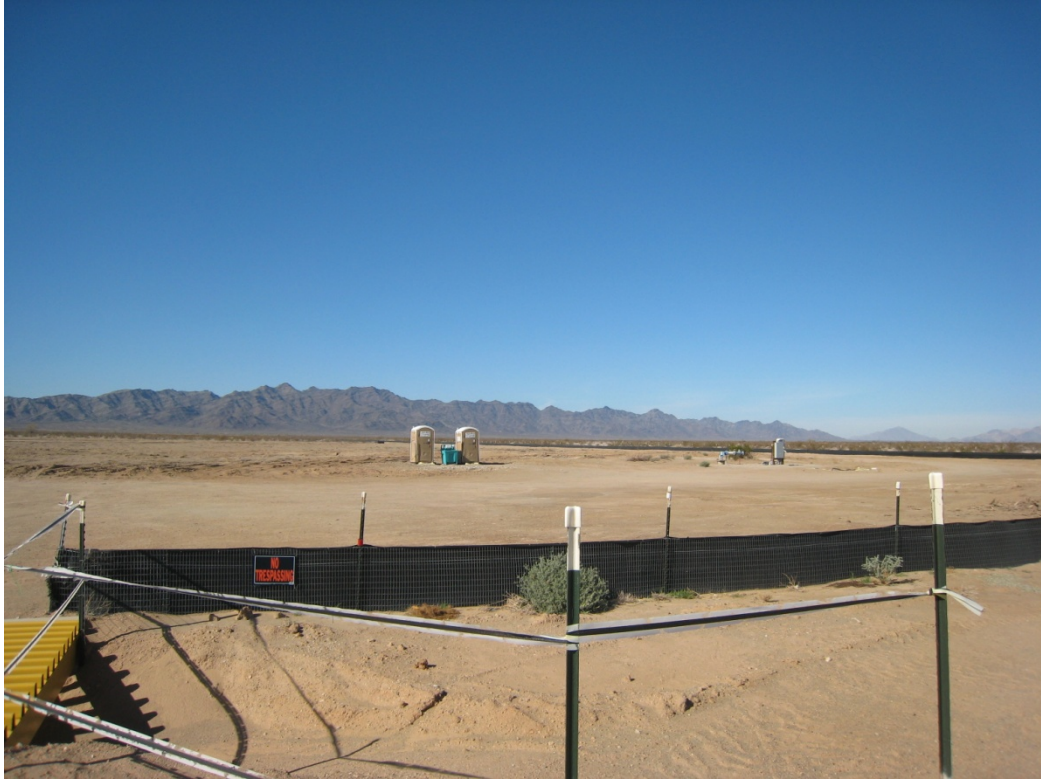




Shared Services Area



Well Yard



Well Yard



Shared Services Area

Blythe Solar Power Project  
(09-AFC-6C)

Monthly Compliance Report #14

Exhibit 3  
Compliance Maintenance Matrix  
**(Provided on CD Only)**



PRELIMINARY DRAFT--BSPP MAINTENANCE MATRIX

Sort Code Legend:

Pre-Construction	Construction	Post Construction	Comm	Ops	Submitted to CEC/BLM	Needs Follow Up with CEC	Approved by CEC/BLM
------------------	--------------	-------------------	------	-----	----------------------	--------------------------	---------------------

Cond. #	Sort Code	Description of Project Owner's Responsibilities	Verification/Action/Submittal Required by Project Owner	Timeframe	Date Due to CEC CPM	Lead Resp. Party	Support Entity	Internal Start Date	Date Due to SM Compliance	Date sent to CEC, CBO or agency	Status/Notes
AQ-SC01a	PC	Designate and retain an on-site Air Quality Construction Mitigation Manager (AQCOMM) who shall be responsible for directing and documenting compliance with AQ-SC3, AQ-SC4, and AQ-SC5 for the entire project site and linear facility construction. The on-site AQCOMM may delegate responsibilities to one or more AQCOMM Delegates. The AQCOMM and AQCOMM Delegates shall have full access to all areas of construction on the project site and linear facilities, and shall have the authority to stop any or all construction activities as warranted by applicable construction mitigation conditions. The AQCOMM and AQCOMM Delegates may have other responsibilities in addition to those described in this condition.	Submit to the CPM for approval the name, resume, qualifications, and contact information for the on-site AQCOMM and all AQCOMM delegates.	At least 30 days prior to ground disturbance	Complete	EPC	Owner			09/17/2010 2010-026	Approved by the CEC on 10/07/2010
AQ-SC01b	CONS	The AQCOMM shall not be terminated without written consent of the CPM.	Inform the CEC CPM prior to termination or replacement of the AQCOMM.	As required	As required	EPC	Owner				
AQ-SC02	PC	Provide an Air Quality Construction Mitigation Plan which details the steps that will be taken and the reporting requirements necessary to ensure compliance with conditions AQ-SC3, AQ-SC4, and AQ-SC5.	Submit the AQCMP to the CPM for approval. The AQCMP shall include effectiveness and environmental data for the proposed soil stabilizer. The CPM will notify the project owner of any necessary modifications to the plan within 15 days from the date of receipt.	At least 30 days prior to ground disturbance	Complete	EPC	Owner	Will be resubmitted along with WS-8		09/21/2010 2010-031	Approved by the CEC on 10/07/2010
AQ-SC03	CONS	Construction Fugitive Dust Control: The AQCOMM shall submit documentation in each MCR that demonstrates compliance with the AQCMP mitigation measures for the purposes of minimizing fugitive dust emission creation from construction activities and preventing all fugitive dust plumes that would not comply with the performance standards identified in AQ-SC4 from leaving the project site. Fugitive dust mitigation measures shall be included in the AQCMP required by AQ-SC2, and any deviation from the AQCMP mitigation measures shall require prior CPM notification and approval.	The AQCOMM shall provide the CPM a Monthly Compliance Report to include: A. A summary of all actions taken to maintain compliance with this condition; B. Copies of any complaints filed with the District in relation to project construction. C. Any other documentation deemed necessary by the CPM or AQCOMM to verify compliance with this condition. Such information may be provided via electronic format or disk at the project owner's discretion.	Include in MCR		EPC	Owner				
AQ-SC04	CONS	Dust Plume Response Requirement: The AQCOMM or an AQCOMM Delegate shall monitor all construction activities for visible dust plumes. Observations of visible dust plumes that have the potential to be transported (A) off the project site and within 400 feet upwind of any regularly occupied structures not owned by the project owner or (B) 200 feet beyond the centerline of the construction of linear facilities indicate that existing mitigation measures are not resulting in effective mitigation. The AQCMP shall include a section detailing how the additional mitigation measures will be accomplished within the time limits specified. The AQCOMM or Delegate shall implement the following procedures for additional mitigation measures in the event that such visible dust plumes are observed. The AQCOMM shall implement Steps 1-3 in the Condition in the event such visible dust plumes are observed.	The AQCOMM shall provide the CPM a Monthly Compliance Report to include: A. A summary of all actions taken to maintain compliance with this condition; B. Copies of any complaints filed with the District in relation to project construction. C. Any other documentation deemed necessary by the CPM or AQCOMM to verify compliance with this condition. Such information may be provided via electronic format or disk at the project owner's discretion.	Include in MCR		EPC	Owner				
AQ-SC05	CONS	Diesel-Fueled Engine Control: The AQCOMM shall submit to the CPM, in the MCR, a construction mitigation report that demonstrates compliance with the AQCMP mitigation measures for purposes of controlling diesel construction-related emissions, including specific info related to items a-f in the condition and shall be included in the Air Quality Construction Mitigation Plan (AQCMP) required by AQ-SC2. Any deviation from the AQCMP mitigation measures shall require prior and CPM notification and approval.	The AQCOMM shall provide the CPM a Monthly Compliance Report to demonstrate control of diesel construction related emissions: A. A summary of all actions taken to control diesel construction related emissions; B. A list of all heavy equipment used on site during that month, including the owner of that equipment and a letter from each owner indicating that equipment has been properly maintained; and C. Any other documentation deemed necessary by the CPM or AQCOMM to verify compliance with this condition. Such information may be provided via electronic format or disk at the project owner's discretion.	Include in MCR		Owner	EPC				



AQ-SC-08a	CONS	Provide the CPM copies of all District issued Authority-to-Construct (ATC) and Permit-to-Operate (PTO) documents for the facility. Submit to the CPM for review and approval any modification proposed by the project Owner to any project federal air permit. Submit to the CPM any modification to any permit proposed by the District or U.S. Environmental Protection Agency (U.S. EPA), and any revised permit issued by the District or U.S. EPA, for the project.	Submit any ATC, PTO, and proposed air permit modifications to the CPM either by 1) the project owner to an agency, or 2) receipt of proposed modifications from an agency.	Within 5 working days of its submittal	TBD	Owner	AECOM	As required	As required		Req (if any permits are renewed or modified during main period)
AQ-SC-08b	CONS	Owner shall submit all modified ATC/PTO documents and all federal air permits to the CPM.	Submit required documentation to the CPM.	within 15 days of receipt	As required	Owner	AECOM	As required	As required		Req (if any permits are renewed or modified during main period)
BIO-01a	PC	DESIGNATED BIOLOGIST SELECTION AND QUALS:Assign at least one Designated Biologist (DB) to the Project. The resume of the proposed DB(s) shall include at least three references and contact information. The DB must meet the minimum qualifications specified in the condition.	Submit the DB's name along with a USFWS Desert Tortoise Authorized Biologist Request Form to the <b>USFWS</b> and <b>CPM</b> for review and final approval. No construction related ground disturbance, grading, boring, or trenching shall commence until an approved DB is available to be on site simultaneously.	No fewer than 45 days prior to the start of site mobilization or constructed-related ground disturbance	Complete	AECOM	Owner			9/14/2010 2010-016 Resubmitted on 10/15/10 2010-102	Ray Romero Approved by the CEC on 11/03/2010
BIO-01b	CONS	If a DB needs to be replaced, the specified information of the proposed replacement must be submitted to the CPM. In an emergency, the Project owner shall immediately notify the CPM to discuss the qualifications and approval of a short-term replacement while a permanent DB is proposed to the CPM and for consideration.	Submit the required information to the CPM.	At least 10 working days prior to the termination or release of the preceding DB		AECOM	Owner				
BIO-02a	CONS	DESIGNATED BIOLOGIST DUTIES: Ensure that the DB performs the specific duties set forth in the condition (see items 1-10) during any site mobilization activities, construction related ground disturbance, grading, boring or trenching activities. The DB may be assisted by the approved BM's but remains the contact for the project owner and the CPM.	DB shall provide copies of all written reports and summaries that document biological resources compliance activities in the MCRs submitted to the CPM.	Include in MCR		AECOM	Owner				
BIO-03a	PC	BIOLOGICAL MONITOR SELECTION & QUALIFICATIONS: DB shall submit the resume, at least three references, and contact information of the proposed Biological Monitor(s) (BM) to the CPM. The resume shall demonstrate, to the satisfaction of the CPM, the appropriate education and experience to accomplish the assigned biological resource tasks. The BM is the equivalent of the USFWS designated Desert Tortoise Monitor. BM training by the DB shall include familiarity with the conditions of certification, BRMIMP, WEAP, and USFWS guidelines on desert tortoise surveys and handling procedures.	Submit the specified information to the CPM for approval. The DB shall submit a written statement to the CPM confirming that individual BM(s) has been trained including the date when training was completed.	At least 30 days prior to the start of site mobilization or construction-related ground disturbance, grading, boring or trenching	Complete	AECOM	Owner			9/24/2010 resubmittal of WBO monitors 10/20/10 2010-109	09/24/10 approved by the CEC on 10/05/2010 2010-109 approved on 11/03/10
BIO-03b	CONS	BIOLOGICAL MONITOR DUTIES: The BMs shall assist the DB in conducting surveys and in monitoring of site mobilization activities, construction-related ground disturbance, grading, boring or trenching. The DB shall remain the contact for the Project owner and CPM.	The DB shall submit in the MCR to the CPM and copies of all written reports and summaries that document biological resources compliance activities, including those conducted by BMs. If actions may affect biological resources during operation a BM, under the supervision of the DB, shall be available for monitoring and reporting.	Include in MCR		AECOM	Owner				
BIO-03c	PC	BM training by the DB shall include familiarity with the conditions of certification, BRMIMP, WEAP, and USFWS guidelines on desert tortoise surveys and handling procedures.	Submit the specified information to the CPM for approval. The DB shall submit a written statement to the CPM confirming that individual BM(s) has been trained including the date when training was completed.	Atleast 7 days prior to ground disturbance	Complete	AECOM	Owner			10/25/10 2010-129	Approved by the CEC on 11/03/2010
BIO-04a	CONS	BIOLOGICAL MONITOR DUTIES: The BMs shall assist the DB in conducting surveys and in monitoring of site mobilization activities, construction-related ground disturbance, grading, boring or trenching. The DB shall remain the contact for the Project owner and CPM.	The DB shall submit in the MCR to the CPM and copies of all written reports and summaries that document biological resources compliance activities, including those conducted by BMs. If actions may affect biological resources during operation a BM, under the supervision of the DB, shall be available for monitoring and reporting.	Include in MCR	Ongoing during construction	AECOM	Owner				

BIO-05	CONS	DB AND BM AUTHORITY: The construction/operation manager shall act on the advice of the DB and BM(s) to ensure conformance with the biological resources conditions of certification. The Project owner shall provide Energy Commission staff with reasonable access to the Project site under the control of the Project owner and shall otherwise fully cooperate with the Energy Commission's efforts to verify the Project owner's compliance with, or the effectiveness of, mitigation measures set forth in the conditions of certification. The DB shall have the authority to immediately stop any activity that is not in compliance with these conditions and/or order any reasonable measure to avoid take of an individual of a listed species. If required by the DB and BM(s) the Project owner's construction/operation manager shall halt all site mobilization, ground disturbance, grading, boring, trenching and operation activities in areas specified by the DB. The DB's shall: 1. Require a halt to all activities in any area when determined that there would be an unauthorized adverse impact to biological resources if the activities continued; 2. Inform the Project owner and the construction/operation manager when to resume activities; and 3. Notify the CPM and if there is a halt of any activities and advise them of any corrective actions that have been taken or would be instituted as a result of the work stoppage. If the work stoppage relates to desert tortoise or any other federal or state-listed species, the Carlsbad Office of USFWS and the Ontario Office of CDFG shall also be notified. If the DB is unavailable for direct consultation, the BM shall act on behalf of the DB.	Ensure that the Designated Biologist or Biological Monitor notifies the <b>CPM immediately</b> (and no later than the morning following the incident, or Monday morning in the case of a weekend) of any non-compliance or a halt of any site mobilization, ground disturbance, grading, construction, and operation activities. If the non-compliance or halt to construction or operation relates to desert tortoise or any other federal or state-listed species, the Project owner shall notify the <b>Carlsbad Office of USFWS</b> and <b>Ontario Office of CDFG</b> at the same time. The Project owner shall notify the CPM of the circumstances and actions being taken to resolve the problem. Whenever corrective action is taken by the Project owner, a determination of success or failure would be made by the CPM, in consultation with USFWS and CDFG, within five working days after receipt of notice that corrective action is completed, or the Project owner would be notified by the CPM that coordination with other agencies would require additional time before a determination can be made.	As required		AECOM	Owner and EPC				
BIO-06a	PC	WEAP: Develop and implement a project-specific Worker Environmental Awareness Program (WEAP) and secure approval for the WEAP from the CPM. The Project owner shall also provide the BLM, USFWS, and CDFG a copy of all portions of the WEAP relating to desert tortoise and any other federal or state-listed species for review and comment. The WEAP shall be administered to all onsite personnel including surveyors, construction engineers, employees, contractors, contractor's employees, supervisors, inspectors, subcontractors, and delivery personnel. The WEAP shall be implemented during site preconstruction, construction, operation, and closure. The WEAP shall also include training related to BIO-19.	Provide to the CPM for review and approval and to BLM, USFWS, and CDFG a copy of the WEAP and all supporting written materials and electronic media prepared or reviewed by the DB and a resume of the person(s) administering the program.	At least 30 days prior to construction-related ground disturbance	Complete	AECOM	Owner	6/2/14		9/21/2010 2010-031	CEC APPROVED 11-1-10
BIO-06b	PC	Submit two copies of the final WEAP.	Submit the required info to the CPM.	At least 10 days prior to construction related ground disturbance activities	Complete	AECOM	Owner			10/25/10 2010-131	CEC APPROVED 11-1-10
BIO-06c	CONS	Provide the number of persons who have completed the training in the prior month and a running total of all persons who have completed the training to date.	Include the information in the MCR. Training acknowledgement forms signed during construction shall be kept on file for at least 6 months after the start of commercial operation.	Include in MCR		AECOM	Owner				
BIO-07 BLM	PC	To address potential impact to Climate Change, the BLM would require, as discussed in Section 4.17 Vegetation, in concert with BIO-7, that the Applicant shall ensure that monitoring accomplished under BIO-7 and other mitigating measures use available climatological data when analyzing project effects or resource trends.	Submit the final BRMIMP to the CPM for review and approval. The BRMIMP shall be prepared in consultation with the DB and include up-to-date maps depicting the location of sensitive biological resources. The BRMIMP shall also contain all of the required measures included in all biological Conditions of Certification. No construction-related ground disturbance, grading, boring or trenching may occur prior to approval of the final BRMIMP by the CPM.	At least 30 days prior to start of any preconstruction site mobilization and construction-related ground disturbance, grading, boring, and trenching	Complete	AECOM	Owner				BLM has received BRMIMP
BIO-07a	PC	BRMIMP: Develop a Biological Resources Mitigation Implementation and Monitoring Plan (BRMIMP) that includes complete and detailed descriptions of the information requested in the condition (items 1-12). Implement the measures identified in the approved BRMIMP. The BRMIMP shall incorporate avoidance and minimization measures described in final versions of the Desert Tortoise Relocation Translocation Plan, the Raven Management Plan, the Closure, Conceptual Restoration Plan, the Burrowing Owl Mitigation and Monitoring Plan, and the Weed Management Plan, and all other biological mitigation and/or monitoring plans associated with the project. Provide to BLM, CDFG, an USFWS a copy of all portions of the BRMIMP relating to desert tortoise and any other federal or state-listed species for review and comment.	Provide two copies of the draft BRMIMP to the CEC for review and approval. At the same time, provide to BLM, CDFG, and USFWS a copy of all portions of the draft BRMIMP relating to desert tortoise and any other federal or state-listed species. The BRMIMP shall be prepared in consultation with the DB and include up-to-date maps depicting the location of sensitive biological resources. The BRMIMP shall also contain all of the required measures included in all biological Conditions of Certification. No construction-related ground disturbance, grading, boring or trenching may occur prior to approval of the final BRMIMP by the CPM.	At least 30 days prior to start of any preconstruction site mobilization and construction-related ground disturbance, grading, boring, and trenching	Complete	AECOM	Owner			10/26/10 201-0130	Approved by the CEC on 12/3/10

BIO-07b	CONS	Provide the final BRMIMP to the CPM. No construction-related ground disturbance, grading, boring or trenching may occur prior to approval of the final BRMIMP by the CPM.	Any changes to the approved BRMIMP must be approved by the CPM and in consultation with CDFG and USFWS. <b>[Need to provide an updated BRMIMP that reflects amended BO and updated Weed, Raven, and DT Plans.]</b>	at least 7 days prior to the start of any construction-related ground disturbance, grading, boring, or trenching		AECOM	Owner				BRMIMP needs to be updated to reflect amended BO
BIO-07c	CONS	If any permits have not yet been received when the final BRMIMP is submitted, these permits shall be submitted to the CPM, and the BRMIMP shall be revised or supplemented to reflect the permit conditions.	Submit the permits to the CPM. <b>[Amended BO will need to be submitted under this condition.]</b>	within 5 days of their receipt		AECOM	Owner			4/4/11 2011-192	2011-192 approved by the CEC on 6/30/11
BIO-07d	CONS	Implementation of the BRMIMP measures shall be reported in the MCR.	Include the required information in the MCR.	Include in MCR		AECOM	Owner				
BIO-08a(1)	CONS	IMPACT AVOIDANCE & MINIMIZATION MEASURES: Undertake the following mitigation measures (see Items 1-17 of the condition) to manage the Project site and related facilities in a manner to avoid or minimize impacts to biological resources: 1. Limit Disturbance Areas; 2) Minimize Road Impacts; 3) Minimize Traffic Impacts; 4) Monitor During Construction; 5) Minimize Impacts of T-Line/Pipeline Alignments, Roads, Staging Areas; 6) Avoid Use of Toxic Substances; 7) Minimize Lighting Impacts; 8) Minimize Noise Impacts; 9) Avoid Vehicle Impacts to Desert Tortoise; 10) Avoid Wildlife Pitfalls; 11) Minimize Standing Water; 12) Dispose of Road-killed Animals; 13) Minimize Spills of HazMat; 14) Worker Guidelines; 15) Implement Erosion Control Measures; 16) Monitor Ground Disturbing Activities Prior to Pre-Construction Site Mobilization; and 17) Revegetation of Temporarily Disturbed Areas. <b>[SEE FINAL DECISION FOR MODIFIED LANGUAGE RELATED TO #9, 10, 12]</b>	Implementation of the mitigation measures shall be reported in the MCR by the DB. <b>CLARIFICATION PROVIDED BY USFWS IN BIOLOGICAL OPINION, PAGE 9:</b> These measures will also be implemented during all ground-disturbing construction and O&M activities.	Include in MCR		AECOM	EPC will not conduct noise measurements but will assist with clearing area and installing fence				BO was amended on 3/28/11 to adjust take limits to 1 DT per year during construction and 1 DT per year during O&M
BIO-08b	PC	Submit a final agency-approved Revegetation Plan that has been reviewed and approved by the CPM. All modifications to the Reveg Plan shall be made only after approval from the CPM.	Provide the report to the CPM for review and approval.	No less than 30 days prior to start of construction	Complete	AECOM	EPC			10/8/10 2010-070	APPROVED BY CEC 11/3/10
BIO-08e	CONS	If loud construction activities are proposed between February 15 to April 15 which would result in noise levels over 65 dBA in nesting habitat, the Project owner shall submit nest survey results (as described in Item 8a within the Condition) to the CPM.	Submit the next survey results to the CPM	no more than 7 days before initiating such construction		AECOM	EPC will not conduct noise measurements but will assist with clearing area and installing fence				
BIO-08f	CONS	If an active nest is detected within this survey area the Project owner shall submit a Nesting Bird Monitoring and Management Plan to the CPM.	Submit the plan to the CEC CPM for review and approval.	no more than 7 days before initiating noisy construction		AECOM	Owner				
BIO-09a(2)	CONS	DT CLEARANCE SURVEYS AND FENCING: Undertake appropriate measures to manage the Project site and related facilities in a manner to avoid or minimize impacts to desert tortoise. Methods for clearance surveys, fence specification and installation, tortoise handling, artificial burrow construction, egg handling and other procedures shall be consistent with those described in the USFWS' Desert Tortoise Field Manual (USFWS 2009) or more current guidance provided by CDFG and USFWS. Measures 1-4 (Exclusion Fencing Installation, Clearance Surveys, Monitoring, and Reporting) need to be implemented. <b>[CAUTION: READER SHOULD REFER DIRECTLY TO CEC FINAL DECISION FOR DETAILS OF ALL REQUIREMENTS RELATED TO DT CLEARANCE SURVEYS AND FENCING. THEY ARE TOO NUMEROUS AND DETAILED TO PROVIDE ANYTHING OTHER THAN A SUMMARY HERE IN THIS MATRIX.]</b>	All mitigation measures and their implementation methods shall be included in the BRMIMP and implemented. Implementation of the measures shall be reported in the MCR by the DB. <b>CLARIFICATION PROVIDED BY USFWS IN BIOLOGICAL OPINION, PAGE 9:</b> These procedures for conducting tortoise clearance surveys, handling and moving tortoises out of the disturbance area, and ensuring tortoises do not re-enter the disturbance area will also be implemented during ground-disturbing O&M activities along the access road/utility corridor, gen-tie transmission line ROW, and rerouted drainage channels outside of the plant site, and along the outer side of the perimeter security fence.	Include in MCR		AECOM	EPC will procure and install exclusion fencing and repair areas as identified by AECOM. AECOM to provide EPC with fencing spec and give guidance so EPC has a baseline.				BO was amended on 3/28/11 to adjust take limits to 1 DT per year during construction and 1 DT per year during O&M

BIO-09b	CONS	DT SURVEY REPORT Submit a report describing implementation of each of the mitigation measures listed in the condition. The report shall include the desert tortoise survey results, capture and release locations of any relocated desert tortoises, and any other information needed to demonstrate compliance with the measures described in the condition.	Provide the report to the <b>CPM, BLM AO, USFWS</b> and <b>CDFG</b> .	Within 30 days after completion of desert tortoise clearance surveys <b>Survey activities will be included in the MCR</b>	TBD	AECOM	Owner	TBD	TBD	2/2/11 2011-176	MCR contains regular updates; we will send the MCR Bio Report to the agencies . <b>April Revision submitted to CEC and agencies on 4/12/11</b>
BIO-11a(2)	CONS	DT COMPLIANCE Notify the CPM before initiating construction-related ground disturbance activities.	The DB shall perform this activity.	At least 14 calendar days before initiating construction-related ground disturbance activities	TBD	AECOM	Owner			10/15/10 2010-094	CEC approved for Phase 1a on 11/1/10
BIO-11a(3)	CONS	Notify the CPM in writing if the Project owner is not in compliance with any conditions of certification, including but not limited to any actual or anticipated failure to implement mitigation measures within the time periods specified in the conditions of certification.	The DB shall perform this activity.	Immediately as required	As required	AECOM	Owner	As required	As required		
BIO-11a(5)	CONS	Conduct compliance inspections at a minimum of once per month after clearing, grubbing, and grading are completed and submit a monthly compliance report to the <b>BLM, CPM, USFWS</b> and <b>CDFG</b> during construction.	The DB shall perform this activity.	Include in MCR		AECOM	Owner				
BIO-11a(6)	CONS	If an injured or dead listed species is detected within or near the Project Disturbance area, the <b>CPM</b> , the <b>Ontario Office of CDFG</b> , and <b>Carlsbad Office of USFWS</b> shall be notified immediately by phone. Notification shall occur no later than noon on the business day following the event if it occurs outside normal business hours so that the agencies can determine if further actions are required to protect listed species. Written follow-up notification via FAX or electronic communication shall be submitted to these agencies within two calendar days of the incident and include the information set forth in Items (a) and (b) regarding injured or dead DT, as relevant.	The DB shall perform this activity.	Immediately as required		AECOM	Owner				
BIO-11a(7)	CONS	The CPM may issue the Project owner a written stop work order to suspend any activity related to the construction or operation of the Project to prevent or remedy a violation of one or more conditions of certification (including but not limited to failure to comply with reporting, monitoring, or habitat acquisition obligations) or to prevent the illegal take of an endangered, threatened, or candidate species. The Project owner shall comply with the stop work order immediately upon receipt thereof.	The DB shall perform this activity.	As required		AECOM	Owner				
BIO-11b	CONS	Deliver via FAX or electronic communication the written report from the DB describing all reported incidents of injury, kill, or relocation of a listed species, identifying who was notified, and explaining when the incidents occurred. In the case of a sighting in an active construction area, at the same time, submit a map (e.g., using GIS) depicting both the limits of construction and sighting location to the CPM, CDFG and USFWS.	Provide the required documentation to the <b>CEC, CDFG</b> and <b>USFWS</b> .	No later than 2 days following the required notification of a sighting, kill, or relocation of a listed species		AECOM	Owner				

BIO-13a	CONS	RAVEN MANAGEMENT PLAN: Implement a RMP that is consistent with the most current USFWS-approved raven management guidelines, and which meets the approval of the CPM , in consultation with the BLM, USFWS and CDFG. The draft Raven Plan submitted by the Applicant shall provide the basis for the final Raven Plan, subject to review, revisions and approval from the CPM, BLM AO, CDFG and USFWS. The Raven Plan shall include but not be limited to a program to monitor raven presence in the project vicinity, determine if raven numbers are increasing, and to implement raven control measures as needed based on that monitoring. The purpose of the plan is to avoid any project-related increases in raven numbers during construction, operation, and decommissioning. In addition to monitoring at the Project site, the Plan shall address raven monitoring and control at the new water source proposed in the McCoy Mountains in staff's proposed Condition of Certification BIO-21.	Provide the <b>CPM, USFWS, and CDFG</b> with the final version of a Raven Plan. The CPM would determine the plan's acceptability within 15 days of receipt of the final plan. All modifications to the approved Raven Plan shall be made only with approval of the CPM in consultation with USFWS, and CDFG.	No less than 10 days prior to start of any Project-related ground disturbance activities	Complete	AECOM	Owner	TBD		10/01/10 2010-050 04/12/11 2011-191	APPROVED BY CEC 10/14/10 but agencies requested revision. Revision Approved by the CEC on 5/18/11
BIO-14a(1)	PC	Implement a Weed Management Plan (WMP) that meets the approval of the CPM. The WMP shall include at a minimum the following information: specific weed management objectives and measures for each target non-native weed species; baseline conditions; a map of the Weed Management Areas; weed risk assessment and measures to prevent the introduction and spread of weeds; monitoring and surveying methods; and reporting requirements.	Submit a draft version of the WMP to the <b>BLM, CEC, USFWS, and CDFG</b> for review and approval.	40 days prior to ground disturbance	Complete	AECOM	Owner			CEC 9/20/2010 2010-028 BLM, USFWS, CDFG 2010-087	
BIO-14a(2)	PC	Submit a final WMP to the CPM that responds to Staff comments.	Submit a final draft of the WMP to the CPM.	7 days prior to ground disturbance	Complete	AECOM	Owner			10/22/10 2010-095	CEC APPROVED ON 11/01/10
BIO-14a(3)	CONS	FINAL WMP: The WMP submitted by the Applicant shall provide the basis for the final plan, subject to review and revisions from the CPM.	Provide the CPM with the final version of a WMP that has been reviewed and approved by <b>BLM, CEC, USFWS, and CDFG</b> . Modifications to the approved WMP shall be made only after consultation with the CEC staff, BLM, USFWS, and CDFG.	No less than 10 days prior to start of any Project-related ground disturbance activities	11/3/14	AECOM	AECOM Subcontractor will carry out weed treatment and preventative measures as described in WMP	8/5/14	10/4/14	4/12/2011 2011-193	Agencies have requested revision; in progress Submitted to agencies by AECOM 04/12/2011 Approved by
BIO-16a	CONS	PRE-CONSTRUCTION NEST SURVEYS: Conduct if construction activities would occur from February 1 through July 31. The DB or Biological Monitor conducting the surveys shall be experienced bird surveyors familiar with standard nest-locating techniques such as those described in Martin and Guepel (1993). The goal of the nesting surveys shall be to identify the general location of the nest sites, sufficient to establish a protective buffer zone around the potential nest site, and need not include identification of the precise nest locations. Surveyors performing nest surveys shall not concurrently be conducting desert tortoise surveys. Surveys shall cover all potential nesting habitat areas that could be disturbed by each phase of construction, as described in BIO-28 (Phasing). Surveys shall also include areas within 500 feet of the boundaries of the active construction areas (including linear facilities). Surveys shall be conducted as described in the condition.	Provide the CPM a letter-report describing the findings of the pre-construction nest surveys, including the time, date, and duration of the survey; identity and qualifications of the surveyor (s); and a list of species observed. If active nests are detected during the survey, the report shall include a map or aerial photo identifying the location of the nest and shall depict the boundaries of the no-disturbance buffer zone around the nest(s) that would be avoided during project construction. Include the survey information in the requested report. <b>[NOTE FROM CEC ON 3/2/11: INCLUDE IN MCR A DESCRIPTION OF HOW WOK PROGRESSED AND ADD A MAP OF SURVEYED AREAS AND DATA AS WELL.]</b>	At least 10 days prior to start of any Project-related ground disturbance activities	Ongoing during construction	AECOM	Possibly EPC (will ask Kiewit if they are interested in provided assistance outside project fence/ boundary			10/15/10 2010-095 02/16/11 2011-179 03/30/11 2011-187 4/26/11 2011-198	Approved by the CEC on 11/03/10, 2011-179 approved on 03/02/11, 2011-187 Approved on 5/18/11, 2011-198 Approved on 6/18/11

BIO-16b	CONS	PRE-CONSTRUCTION NEST SURVEYS for Phase 1b and 2: Conduct surveys if construction activities would occur from February 1 through July 31. (See similar instructions as set forth in BIO-16a).	Provide the CPM a letter-report describing the findings of the pre-construction nest surveys, including the time, date, and duration of the survey; identity and qualifications of the surveyor (s); and a list of species observed. If active nests are detected during the survey, the report shall include a map or aerial photo identifying the location of the nest and shall depict the boundaries of the no-disturbance buffer zone around the nest(s) that would be avoided during project construction. Include the survey information in the requested report.	At least 10 days prior to start of any Project-related ground disturbance activities	TBD	AECOM	Owner	TBD	TBD	5/26/11 2011-198	2011-198 approved by the CEC on 05/18/11
BIO-17	CONS	BADGER/KIT FOX IMPACT AVOIDANCE & MINIMIZATION MEASURES: To avoid direct impacts to American badgers and desert kit fox, preconstruction surveys shall be conducted for these species concurrent with the desert tortoise surveys. Surveys shall be conducted as described in the condition.	Submit a report to the <b>CPM</b> and <b>CDFG</b> that describes the survey methods, results, impact avoidance and minimization measures implemented, and the results of those measures.	Within 30 days of completion of badger and kit fox surveys <b>Survey activities will be included in the MCR</b>	TBD	AECOM	Owner	TBD	TBD	01/04/11 2011-168	CEC APPROVED EW ON 2/28/11 <b>Survey activities will be included in the MCR</b>
BIO-18a	CONS	BURROWING OWL IMPACT AVOIDANCE, MINIMIZATION AND COMPENSATION MEASURES: Conduct pre-construction surveys for burrowing owls. Surveys shall be focused exclusively on detecting burrowing owls, and shall be conducted from two hours before sunset to one hour after or from one hour before to two hours after sunrise. The survey area shall include the Project Disturbance Area and surrounding 500 foot survey buffer for each phase of construction in accordance with BIO-28 (phasing).	Conduct pre-construction burrowing owl surveys.	no more than 30 days prior to initiation of construction activities	TBD	AECOM	Owner	TBD	TBD	01/04/11 2011-168	CEC APPROVED EW ON 2/28/11
BIO-18j	CONS	BURROWING OWL MONTHLY REPORTING: Owner shall report monthly to BLM, the CPM, CDFG and USFWS for the duration of construction on the implementation of burrowing owl avoidance and minimization measures.	Provide documentation to <b>BLM, CPM, CDFG, USFWS</b>	Include in MCR		AECOM	Owner and AECOM on creation of artificial burrows				
BIO-19s	CONS	SPECIAL STATUS PLANTS: Implementation of the special-status plant impact avoidance and minimization measures shall be reported in the Monthly Compliance Reports prepared by the Designated Botanist.	Submit the required reports to the CPM as part of the MCR.	Include in MCR		AECOM	Owner				
BIO-22b	CONS	STATE WATERS MITIGATION: Provide a discussion of work in waters of the state during the construction of the Project.	Submit the required documentation as part of the MCR.	Include in MCR		AECOM					
BIO-24a(1)	CONS	GOLDEN EAGLE INVENTORY & MONITORING: During each year of construction, conduct an inventory to determine if golden eagle territories occur one miles of the Project boundaries. Data collected during the inventory shall include at least the following: territory status (unknown, vacant, occupied, breeding successful, breeding unsuccessful); nest location, nest elevation; age class of golden eagles observed; nesting chronology; number of young at each	Submit a report to the <b>CPM, CDFG, and USFWS</b> documenting the results of the <b>2010</b> inventory.	No fewer than 30 days from completion of the golden eagle inventory	Complete	AECOM	Owner			10/20/2010 2010-108	2010 SURVEY Approved by the CEC on 11/03/10
BIO-24a(2)	CONS	GOLDEN EAGLE ANNUAL SURVEY: During each year of construction, conduct an inventory to determine if golden eagle territories occur one miles of the Project boundaries.	Submit a report to the <b>CPM, CDFG, and USFWS</b> documenting the results of the <b>2011</b> inventory.	No fewer than 30 days from completion of the golden eagle inventory	Complete	AECOM	Owner			5/17/11 2011-203	Approved by CEC 6/13/11
BIO-24a(3)	CONS	GOLDEN EAGLE ANNUAL SURVEY: During each year of construction, conduct an inventory to determine if golden eagle territories occur one miles of the Project boundaries.	Submit a report to the <b>CPM, CDFG, and USFWS</b> documenting the results of the <b>2012</b> inventory.	No fewer than 30 days from completion of the golden eagle inventory	3/16/13	AECOM	Owner	1/16/13	2/15/13		1st survey will need to be conducted; check with CEC to see if second



BIO-24b	CONS	GOLDEN EAGLE MONITORING: If an occupied nest is detected within one mile of the Project boundary during inventory, owner shall contact staff at the USFWS Carlsbad Office and CDFG within one working day of detection of the nest for interim guidance on monitoring and nest protection. Owner shall prepare and implement a Golden Eagle Monitoring and Management Plan for the duration of construction to ensure that Project construction activities do not result in injury or disturbance to golden eagles. The Monitoring and	Only if an occupied nest is found THEN provide the <b>CPM, CDFG,</b> and <b>USFWS</b> with the final version of the Golden Eagle Monitoring and Management Plan. This final Plan shall have been reviewed and approved by the CPM in consultation with USFWS and CDFG.	within one working day of detection of the nest	3/16/13	AECOM	Owner	1/16/13	2/15/13	03/25/11 2011-185	2011-185 approved by CEC on 06/13/11
BIO-24c	CONS	GOLDEN EAGLE MONITORING PLAN: The project owner shall provide the <b>CPM, CDFG,</b> and <b>USFWS</b> with the final version of the Golden Eagle Monitoring and Management Plan. This final Plan shall have been reviewed and approved by the CPM in consultation with USFWS & CDFG.	Submit the final plan to CPM.	within 30 days after detection of the nest	3/16/13	AECOM	Owner	1/16/13	2/15/13		
BLM ROW Grant-1	CONS	Pay base rent annually.	Submit lease payment to BLM.	Rent payments due quarterly in 2011; annually beginning 1/01/12	1/1/12	Owner					
BLM ROW Grant-10	CONS	Implement a litter policing program which covers all roads and sites associated with the ROW		Ongoing during construction	Ongoing	EPC					
BLM ROW Grant-6	CONS	Maintain Copy of ROW Lease/Grant on site	Make copy of ROW Lease/Grant and POD available on site	Following receipt of NTP	Complete	Owner					
BLM ROW Grant-7	CONS	Protect all survey markers including line and corner markers and horizontal and vertical geodetic monuments	Report any obliteration or disturbance in writing to AO and respective authorities	Within ____ days of finding	As required	EPC					
BLM ROW Grant-8	CONS	Pesticide cannot be used until approval has been obtained in writing from AO	Obtain written approval by AO	Prior to use of pesticides	TBD	AECOM		TBD	TBD		EA was submitted by AECOM in 09/11
BLM ROW Grant-9	CONS	Application records for the areas and acres treated must be submitted to the AO	Submit the required application records to the AO	Following use of pesticides	TBD	AECOM					
Blythe Settlement Agreement	CONS	PLAN OF DEVELOPMENT: The conditions set forth in the BSA will be incorporated into a revised POD.	Submit the revised POD to BLM for inclusion in its ROD.	Checking with Elizabeth	N/A	Owner					
COM-01	CONS	The CPM, CEC staff, and delegated agencies or consultants shall be guaranteed and granted unrestricted access to the power plant site, related facilities, project-related staff, and the records maintained on-site, for the purpose of conducting audits, surveys, inspections, or	Although the CPM will normally schedule site visits on dates and times agreeable to the project owner, the CPM reserves the right to make unannounced visits at any time.	As required	As required	Owner	Both KPC and AECOM	As required	As required		
COM-02	CONS	Maintain project files on-site or at an alternative site approved by the CPM for the life of the project, unless a lesser period of time is specified by the conditions of certification. The files shall contain copies of all "as-built" drawings, documents submitted as verification for	CEC staff and delegate agencies shall, upon request to the project owner, be given unrestricted access to the files maintained pursuant to this condition.	Ongoing	Ongoing	Owner		Ongoing	Ongoing		
COM-03	PC	A cover letter from the project owner or authorized agent is required for all compliance submittals and correspondence pertaining to compliance matters. The cover letter subject line shall identify the project by AFC number, the appropriate condition(s) of certification by	All hardcopy submittals shall be addressed to the CEC CPM. Submittals shall be accompanied by a searchable electronic copy, on a CD or by e-mail, as agreed upon by the CPM.	Ongoing	Complete	Owner		TBD	TBD		APPROVED BY THE CEC ON 10/22/10
COM-05a	CONS	Submit a construction matrix that provides the current status of all conditions in a spreadsheet format. (Refer to condition for required content.)	Submit a compliance matrix with each MCR.	Include in MCR		Owner					
COM-06	CONS	Monthly Compliance Report + key events list. (Refer to condition for list.)	Submit to CPM on a monthly basis.	Include in MCR		Owner	Both KPC and AECOM				
COM-09a	CONS	Reporting of Complaints, Notices and Citations. Use form provided for all other than noise.	Provide copies of all notices, complaints, and citations to CEC CPM within 10 days of receipt. Respond to phone complaints within 24 hours or receipt.	As required	As required	Owner	Both KPC and AECOM	As required	As required		

COM-Fee	CONS	Payment of the first compliance fee is due after the Commission's decision.	Compliance fee \$25,000 subject to escalation rates) is due every year, both during construction and operations.	Following project approval	7/1/12	Owner		5/3/12	6/17/12		2010 fee was paid on 9/15/10; 2011 fee paid on 07/08/11
CUL-03d	CONS	Prior to the termination or release of a CRS, submit resume of proposed new CRS. Provide the proposed new CRS the AFC and all cultural resources documents, field notes, photographs, and other cultural resources materials generated by the project. If no alternate CRS is available to assume the duties of the CRS, a monitor may serve in place of a CRS so that ground disturbance may continue up to a maximum of 3 days without a CRS. If cultural	Submit the resume of the proposed new CRS to the CPM for review and approval.	At least 10 days prior to a termination or release of the CRS, or within 10 days after the resignation of	As required	AECOM	Owner	As required	As required		
CUL-03g	CONS	Prior to adding new CRMs, provide a letter to the CPM identifying the new CRMs and attesting to their qualifications.	CRS shall provide letters for submittal to the CPM.	At least 5 days prior to additional CRMs beginning on-site duties	As required	AECOM	Owner	As required	As required	04/20/11 2011-196 05/11/11 2011-201	2011-196 and 2011-201 approved by the CEC on 6/13/11
CUL-15a	PC	Prior to and for the duration of ground disturbance, provide Worker Environmental Awareness Program (WEAP) training to all new workers within their first week of employment at the project site, along the linear facilities routes, and at laydown areas, roads, and other ancillary areas. The training shall be prepared by the CRS, may be conducted by any member of the archaeological team, and may be presented in the form of a video. The CRS shall be available (by telephone or in person) to answer questions posed by employees. The training may be discontinued when ground disturbance is completed or suspended, but must be resumed when ground disturbance, such as landscaping, resumes. Refer to condition 1-10 for training content.	Provide the training program draft text and graphics and the informational brochure to the CPM for review and approval.	At least 30 days prior to the beginning of ground disturbance	Complete	AECOM	Owner			9/21/2010 2010-033 Final Submittal 10/25/10 2010-131	
CUL-15b	PC	CPM will provide to the project owner a WEAP Training Acknowledgement form for each WEAP-trained worker to sign.	Produce and have WEAP Training Acknowledgement form on-site and maintain in on-site records.	At least 15 days prior to the beginning of ground disturbance	Complete	Owner	AECOM			9/21/2010 2010-033	Approved by CPM on 10/21/10 during weekly CPM call
CUL-15c	CONS	Provide in the Monthly Compliance Report (MCR) the WEAP Training Acknowledgement forms of workers who have completed the training in the prior month and a running total of all persons who have completed training to date.	Include within MCR.	Include in MCR		Owner					
CUL-16a	CONS	Full-time archaeological monitoring shall be conducted for the condition, including earth-removing activities as specified in the areas recommended by the geoarchaeological study to the depth recommended; for the trenches for underground communication lines and the natural gas pipeline; for the holes for the transmission line support structures in the parts of sites CA-Riv-2846 and CA-Riv-3419 that the project will grade away, in the area inside project boundaries within 1,000 feet of the margins of archaeological sites CA-Riv-2846 and CA-Riv-3419 and within 300 feet of all known and discovered examples of thermal cobble features; and for the jack-and-bore tunneling for underground conductor or cable lines or pipelines, that they monitor the excavation of the jack-and-bore entry and exit pits and examine, log, and screen auger backdirt samples, as detailed in the CRMMP, for as long as the activities are ongoing. Where excavation equipment is actively removing dirt and hauling the excavated material farther than fifty feet from the location of active excavation, full-time archaeological monitoring shall require at least two monitors per excavation area. In this circumstance, one monitor shall observe the location of active excavation and a second monitor shall inspect the dumped material. For excavation areas where the excavated material is dumped no farther than fifty feet from the location of active excavation, one monitor shall both observe the location of active excavation and inspect the dumped material.	On forms provided by the CPM, CRMs shall keep a daily log of any monitoring and other cultural resources activities and any instances of noncompliance with the Conditions and/or applicable LORS. Copies of the daily monitoring logs shall be provided by the CRS to the CPM, if requested by the CPM.	Daily, during construction in the specified areas	Ongoing during construction	AECOM	Owner				
CUL-16b	CONS	From the daily logs, the CRS shall compile a monthly monitoring summary report to be included in the MCR. If there are no monitoring activities, the summary report shall specify why monitoring has been suspended.	Include in each MCR a copy of the monthly summary report of cultural resources-related monitoring prepared by the CRS and shall attach any new DPR 523A forms completed for finds treated prescriptively, as specified in the CRMMP.	Include in MCR		AECOM	Owner				



CUL-16c	CONS	In the event that the CRS believes that the current level of monitoring is not appropriate in certain locations, a letter or e-mail detailing the justification for changing the level of monitoring shall be provided to the CPM for review and approval prior to any change in the level of monitoring. The CRS, at his or her discretion, or at the request of the CPM, may informally discuss cultural resources monitoring and mitigation activities with Energy Commission technical staff.	Submit to the CPM, for review and approval, a letter or e-mail (or some other form of communication acceptable to the CPM) detailing the CRS's justification for changing the monitoring level.	At least 24 hours prior to implementing a proposed change in monitoring level	As required	AECOM	Owner	As required	As required		Level of monitoring was reduced by CEC
CUL-16g	CONS	A Native American monitor shall be obtained to monitor ground disturbance in areas where Native American artifacts may be discovered. Contact lists of interested Native Americans and guidelines for monitoring shall be obtained from the Native American Heritage Commission. Preference in selecting a monitor shall be given to Native Americans with traditional ties to the area that shall be monitored.	Submit to the CPM copies of the information transmittal letters sent to the Chairpersons of the Native American tribes or groups who requested the information. Additionally, the project owner shall submit to the CPM copies of letters of transmittal for all subsequent responses to Native American requests for notification, consultation, and reports and records.	No later than 30 days following the discovery of any Native American cultural materials	As required	AECOM	Owner	As required	As required	10/21/10 2010-111	2010-111 approved by the CEC on 11/02/10
CUL-16h	CONS	If efforts to obtain the services of a qualified Native American monitor are unsuccessful, the project owner shall immediately inform the CPM. The CPM will either identify potential monitors or will allow ground disturbance to proceed without a Native American monitor.	Submit to the CPM copies of any comments or information provided by Native Americans in response to the project owner's transmittals of information.	Within 15 days of receiving comments	As required	AECOM	Owner	As required	As required		
CUL-16j	CONS	When the issue is resolved, the CRS shall write a report describing the issue, the resolution of the issue, and the effectiveness of the resolution measures.	This report shall be provided in the next MCR for the review of the CPM.	Include in MCR		AECOM	Owner				
CUL-17b	CONS	In the event that a cultural resource over 50 years of age is found (or if younger, determined exceptionally significant by the CPM), or impacts to such a resource can be anticipated, ground disturbance shall be halted or redirected in the immediate vicinity of the discovery sufficient to ensure that the resource is protected from further impacts. Monitoring and daily reporting, as provided in other conditions, shall continue during the project's ground-disturbing activities elsewhere. The halting or redirection of ground disturbance shall remain in effect until the CRS has visited the discovery, and all of the following have occurred. <b>Refer to Condition Items 1-4.</b>	The CRS shall notify the CPM , or by Monday morning if the cultural resources discovery occurs between 8:00 AM on Friday and 8:00 AM on Sunday morning.	Within 24 hours of a discovery	As required	AECOM	Owner	As required	As required		
CUL-17c	CONS	Owner shall ensure that the CRS notifies all Native American groups that expressed a desire to be notified in the event of such a discovery.	CRS submit appropriate notice to CPM, SMLLC, & Native Americans.	Within 48 hours of the discovery of a resource of interest to Native Americans	As required	AECOM	Owner	As required	As required		
CUL-17d	CONS	Unless the discovery can be treated prescriptively, as specified in the CRMMP, completed DPR 523 forms for resources newly discovered during ground disturbance shall be submitted to the CPM for review and approval Timing depends on whichever the CRS decides is more appropriate for the subject cultural resource.	Submit completed DPR 523 forms.	no later than 24 hours following the notification of the CPM, or 48 hours following the completion of data recordation/ recovery	As required	AECOM	Owner	As required	As required		
EPA Waste ID-1	CONS	Resubmit Form 8700-12 if any info changes	Resubmit form as required.	As required	As required	EPC					
FWS BO Item a) Page 36	CONS	The applicant shall prepare and provide to the Service and BLM an annual report by December 31 of each year of the project. <b>Please see page 36 of the Biological Opinion for details on specific items that must be included in annual report.</b>	Provide the annual report to FWS and BLM.	Annually		AECOM	Owner				BO was amended on 3/28/11 to adjust take limits to 1 DT per year during construction and 1 DT per year during O&M

FWS BO Page 37	CONS	The CFWO is to be notified immediately at (760) 431-9440 if any desert tortoises are found sick, injured, or dead in the action area. Immediate notification means verbal (if possible) and written notice within 1 workday, and must include the date, time, and location of the carcass, and any other pertinent information. Care must be taken in handling sick or injured individuals to ensure effective treatment and care and in handling dead specimens to preserve biological material in the best possible state.	The CFWO should also be notified immediately at (760) 431-9440 if any endangered or threatened species not addressed in this biological opinion is found dead or injured in the project footprint during the life of the project. The same reporting requirements also shall pertain to any healthy individual(s) of any threatened or endangered species found in the action area and handled to remove the animal to a more secure location.	As required	As required	AECOM	Owner				BO was amended on 3/28/11 to adjust take limits to 1 DT per year during construction and 1 DT per year during O&M
GEN-03	CONS	Make payments to the CBO for design review, plan check and construction inspections based upon a reasonable fee schedule to be negotiated between the project owner and the CBO. These fees may be consistent with the fees listed in the 2007 CBC, adjusted for inflation and other appropriate adjustments; may be based on the value of the facilities reviewed; may be based on hourly rates; or may be otherwise agreed upon by the project owner and the CBO.	Send copy of CBO's receipt of payment to CPM in next MCR indicating applicable fees have been paid.	Include in MCR		Owner					
NOISE-02a	CONS	Throughout the construction of the project, document, investigate, evaluate, and attempt to resolve all project-related noise complaints. If a complaint is made, use the Noise Complaint Resolution Form, or a functionally equivalent procedure acceptable to the CPM, to document and respond to each noise complaint; attempt to contact the person(s) making the noise complaint within 24 hours; conduct an investigation to determine the source of noise in the complaint; if the noise is project related, take all feasible measures to reduce the source of the noise; and submit a report documenting the complaint and actions taken. The report shall include: a complaint summary, including the final results of noise reduction efforts and, if obtainable, a signed statement by the complainant stating that the noise problem has been resolved to the complainant's satisfaction.	File a Noise Complaint Resolution Form with the <b>City</b> and the <b>CPM</b> documenting resolution of the complaint. If mitigation is required to resolve the complaint, and the complaint is not resolved within a three-day period, the project owner shall submit an updated Noise Complaint Resolution Form when the mitigation is performed and complete.	Within 5 days of receiving a noise complaint	As required	EPC	Owner	As required	As required		
PAL-01c	CONS	If additional monitors are obtained during the project, the PRS shall provide additional letters and resumes to the CPM. The letter shall be provided to the CPM. Prior to the termination or release of a PRS, Owner shall submit the resume of the proposed new PRS to the CPM for review and approval.	As necessary	no later than one week prior to the monitor's beginning onsite duties	As required	AECOM	Owner	As required	As required		
PAL-02d	CONS	Before work commences on affected phases, the project Owner shall notify the PRS and CPM of any construction phase scheduling changes. At a minimum, the project Owner shall ensure that the PRS or PRM consults weekly with the project superintendent or construction field manager to confirm area(s) to be worked the following week and until ground disturbance is completed.	If there are changes to the scheduling of the construction phases, Owner shall submit a letter to the CPM.	within 5 days of identifying the changes	As required	AECOM	Owner	As required	As required		
PAL-04c	CONS	Provide copies of the WEAP certification of completion forms with the names of those trained and the trainer or type of training (in-person or other approved format) offered that month. The MCR shall also include a running total of all persons who have completed the training to date.	Include the information in the MCR	Include in MCR		AECOM	Owner				
PAL-05a	CONS	Ensure that the PRS and PRM(s) monitor consistent with the PRMMP all construction-related grading, excavation, trenching, and auguring in areas where potentially fossil-bearing materials have been identified, both at the site and along the linear facilities. Ensure that the PRS and PRM(s) have the authority to halt or redirect construction if paleontologic resources are encountered. Ensure that there is no interference with monitoring activities unless directed by the PRS. Monitoring activities shall be conducted as set forth in Items 1-4 of the condition.	Paleo monitors shall provide monthly summaries that address the information requirements specified in the condition for inclusion in MCR.	Include in MCR		AECOM	Owner				
PAL-05c	CONS	For any significant paleontologic resources encountered, either the project Owner or the PRS shall notify the CPM within 24 hours, or Monday morning in the case of a weekend event, where construction has been halted because of a paleontologic find.	PRS to notify CPM, and SMLLC Compliance.	Within 24 hours of paleo find	As required	AECOM	Owner	As required	As required		
PAL-06a	CONS	Ensure that all components of the PRMMP are adequately performed including collection of fossil materials, preparation of fossil materials for analysis, analysis of fossils, identification and inventory of fossils, the preparation of fossils for curation, and the delivery for curation of all significant paleontologic resource materials encountered and collected during project construction.	Maintain in his/her compliance file copies of signed contracts or agreements with the designated PRS and other qualified research specialists. Maintain these files for a period of three years after project completion and approval of the CPM-approved paleontologic resource report (see Condition of Certification PAL-7).	Include in MCR		AECOM	Owner				
S&W-01b	CONS	Provide a narrative on the effectiveness of the DESCP measures and the results of monitoring and maintenance activities.	Submit the required documentation as part of the MCR.	Include in MCR		EPC	Owner				

S&W-04b(1)	CONS	Prepare a semi-annual summary of amount of water used for construction purposes. The summary shall include the monthly range and monthly average of daily water usage in gallons per day.	Submit the required documentation to the CPM.	Beginning six months after the start of construction	11/9/11	EPC	Owner	9/10/11	10/10/11		
S&W-04b(2)	CONS	Prepare a semi-annual summary of amount of water used for construction purposes. The summary shall include the monthly range and monthly average of daily water usage in gallons per day.	Submit the required documentation to the CPM.	Beginning six months after the start of construction	5/9/12	EPC	Owner	3/9/12	4/9/12		
S&W-05h(1)	CONS	Collect water levels on a quarterly basis throughout the construction period and at the end of the construction period. Perform statistical trend analysis for water levels using the Mann-Kendall test (or other CEC-approved statistical analysis method). Assess the significance of an apparent trend and estimate the magnitude of that trend.	During Project construction, the project owner shall submit to the CPM quarterly reports presenting all the data and information required in item B in the condition. The project owner shall also submit to the CPM all calculations and assumptions made in development of the report data and interpretations.	30 days following the end of the quarter, during construction	TBD	AECOM	Owner	#VALUE!	#VALUE!	3/15/11 2011-181 7/28/11 2011-238	2011-181 approved by the CEC on 5/18/11 2011-238
S&W-05h(2)	CONS	Collect water levels on a quarterly basis throughout the construction period and at the end of the construction period. Perform statistical trend analysis for water levels using the Mann-Kendall test (or other CEC-approved statistical analysis method). Assess the significance of an apparent trend and estimate the magnitude of that trend.	During Project construction, the project owner shall submit to the CPM quarterly reports presenting all the data and information required in item B in the condition. The project owner shall also submit to the CPM all calculations and assumptions made in development of the report data and interpretations.	30 days following the end of the quarter, during construction	10/28/11	AECOM	Owner	8/29/11	9/28/11		
S&W-05h(3)	CONS	Collect water levels on a quarterly basis throughout the construction period and at the end of the construction period. Perform statistical trend analysis for water levels using the Mann-Kendall test (or other CEC-approved statistical analysis method). Assess the significance of an apparent trend and estimate the magnitude of that trend.	During Project construction, the project owner shall submit to the CPM quarterly reports presenting all the data and information required in item B in the condition. The project owner shall also submit to the CPM all calculations and assumptions made in development of the report data and interpretations.	30 days following the end of the quarter, during construction	1/30/12	AECOM	Owner	12/1/11	12/31/11		
S&W-05h(4)	CONS	Collect water levels on a quarterly basis throughout the construction period and at the end of the construction period. Perform statistical trend analysis for water levels using the Mann-Kendall test (or other CEC-approved statistical analysis method). Assess the significance of an apparent trend and estimate the magnitude of that trend.	During Project construction, the project owner shall submit to the CPM quarterly reports presenting all the data and information required in item B in the condition. The project owner shall also submit to the CPM all calculations and assumptions made in development of the report data and interpretations.	30 days following the end of the quarter, during construction	5/9/12	AECOM	Owner	3/10/12	4/9/12		
S&W-05h(5)	CONS	Collect water levels on a quarterly basis throughout the construction period and at the end of the construction period. Perform statistical trend analysis for water levels using the Mann-Kendall test (or other CEC-approved statistical analysis method). Assess the significance of an apparent trend and estimate the magnitude of that trend.	During Project construction, the project owner shall submit to the CPM quarterly reports presenting all the data and information required in item B in the condition. The project owner shall also submit to the CPM all calculations and assumptions made in development of the report data and interpretations.	30 days following the end of the quarter, during construction	8/16/12	AECOM	Owner	6/17/12	7/17/12		
S&W-05v	CONS	7. During the life of the Project, the project owner shall provide to the CPM all monitoring reports, complaints, studies and other relevant data. The project owner shall submit to the CPM all calculations and assumptions made in development of report data and interpretations, calculations, and assumptions used in development of any reports.	Provide the required documentation to the CPM.	within 10 days of being received by the Project owner	TBD	Owner	Plant Operator	TBD	TBD		
S&W-07b	CONS	The project owner shall pay the annual waste discharge permit fee associated with this facility to the Water Boards. In addition, the Water Boards may "prescribe" these requirements as waste discharge requirements pursuant to Water Code Section 13263 solely for the purposes of enforcement, monitoring, inspection, and the assessment of annual fees, consistent with Public Resources Code Section 25531, subdivision (c).	Submit the renewal application and annual permit fee for the low threat discharge permit to the RWQCB and provide copy to CEC.	Annually		AECOM	EPC				
STRUC-01b	CONS	Submit to the CPM a copy of a statement from the CBO that the proposed structural plans, specifications, and calculations have been approved and comply with the requirements set forth in applicable engineering LORS	Submit required info to the CPM.	Include in MCR		EPC	Owner				

STRUC-02	CONS	Submit to the CBO the required number of sets of the documents related to work that has undergone CBO design review and approval related to concrete cylinder strength test reports, concrete pour sign-off sheets, bolt torque and field weld inspection reports, and other reports covering structural activities requiring special inspections in accordance with CBC 2007.	If discrepancies are found, within 5 days the Project Owner shall prepare and submit an NCR to the CBO with a copy of the transmittal letter to the CPM. The NCR shall reference the condition(s) of certification and the applicable CBC chapter and section. Within 5 days of resolution, the Project Owner shall submit a copy of the correction action to the CBO and CPM. The CBO's approval or disapproval shall be submitted to the CPM within 15 days.	Include in MCR		EPC	Owner				
STRUC-03	CONS	Submit to the CBO design changes to the final plans required by the 2007 CBC, including the revised drawings, specifications, calculations, and a complete description of, and supporting rationale for, the proposed changes, and shall give to the CBO prior notice of the intended filing.	Notify the CBO of the intended filing of design changes and submit the required number of sets of revised drawings and the required number of copies of the other above-mentioned documents to the CBO, with a copy of the transmittal letter to the CPM, and notify the CPM in the MCR of the CBO's approval of the revised plans.	Include in MCR		EPC	Owner				
STRUC-04b	CONS	Send copies of the CBO approvals of plan checks to the CPM.	Submit a copy of the CBO's inspection approvals to the CPM in the MCR following completion of any inspection.	Include in MCR		EPC	Owner				
TRANS-03b	CONS	Provide copies of permits obtained from either the County of Riverside and the Caltrans District 8 office to the CPM.	Submit copies of permits received during the reporting period in the MCR. In addition, retain copies of these permits and supporting documentation in its compliance file for at least six months after the start of commercial operation.	Include in MCR		EPC	Owner				
TRANS-04	CONS	Comply with Caltrans and other relevant jurisdictions limitations for encroachment into public rights-of-way and obtain necessary encroachment permits from Caltrans and all relevant jurisdictions.	Submit copies of permits received during the reporting period. In addition, retain copies of these permits and supporting documentation in its compliance file for at least six months after the start of commercial operation.	Include in MCR		EPC	Owner				
TRANS-06	CONS	Ensure that permits and/or licenses are secured from the California Highway Patrol and Caltrans for the transport of hazardous materials.	Include copies of all permits/licenses acquired by the project owner and/or subcontractors concerning the transport of hazardous substances in the MCRs.	Include in MCR		EPC	Owner				
TSE-01b	CONS	Additions and deletions shall be made in the Major Equipment List only with both CPM and CBO approval.	The project owner shall provide schedule updates in the MCR	Include in MCR		Owner	T/L Sub				
TSE-04b	CONS	Request that the CBO inspect the installation to ensure compliance with the requirements of the applicable LORS.	Include a copy of the signed and stamped statement from the responsible electrical engineer verifying compliance with all applicable LORS and copy of transmittal letter in each MCR.	Include in MCR		Owner	T/L Sub				
TSE-04c	CONS	Include the following information in the MCR: a) receipt or delay of major electrical equipment; b) testing or energization of major electrical equipment; and c) the number of electrical drawings approved, submitted for approval, and still to be submitted.	Submit required info as part of MCR	Include in MCR		Owner	T/L Sub				
VIS-03d	CONS	Respond to lighting complaints during construction and operations.	Within 48 hours of receiving a lighting complaint, the project owner shall provide the CPM with a complaint resolution form report as specified in the Compliance General Conditions including a proposal to resolve the complaint, and a schedule for implementation. The project owner shall notify the CPM within 48 hours after completing implementation of the proposal. A copy of the complaint resolution form report shall be submitted to the CPM within 30 days.	As required	As required	EPC	Owner	As required	As required		
WASTE-03b	CONS	Depending on the nature and extent of contamination, the Professional Engineer or Professional Geologist shall have the authority to temporarily suspend construction activity at that location for the protection of workers or the public. If in the opinion of the Professional Engineer or Professional Geologist significant remediation may be required, the project Owner shall contact the CPM , and representatives of the DTSC or RWQCB for guidance and possible oversight.	Notify the CPM within 24 hours of any orders issued to halt construction.	As required	Within 24 hours of any orders issued to halt construction	EPC	Owner	As required	As required		

WASTE-06	CONS	Upon notification of any impending waste management-related enforcement action by any local, state, or federal authority, notify the CPM of any such action taken or proposed against the project itself, or against any waste hauler or disposal facility or treatment operator with which the Owner contracts, and describe how the violation will be corrected.	Notify the CPM in writing within 10 days of becoming aware of an impending enforcement action. The CPM shall notify the project Owner of any changes that will be required in the manner in which project-related wastes are managed as a result of a finalized action against the project.	As required	Within 10 days of becoming aware of action	Owner	EPC	As required	As required		
WORKER SAFETY-03b	CONS	The CSS shall prepare and submit a monthly safety inspection that includes the info specified in the body of the condition.	Submit required info to the CPM.	Include in MCR		EPC	Owner				
WORKER SAFETY-07a	CONS	Make annual payment of \$375,000 to RCFD.	Provide evidence of payment in each January MCR and the Annual Compliance Report.	Annually		Owner					

Blythe Solar Power Project  
(09-AFC-6C)

Monthly Compliance Report #14

Exhibit 4  
Air Quality Construction Mitigation Documentation

## AQCMM Monthly Summary for December 2011

### Blythe Solar Power Project

#### Weather

Temperatures ranged from the 30 to 74 (degrees F) with sunny days. On December 12<sup>th</sup>, 13<sup>th</sup> & 18<sup>th</sup>, the project encountered small rain events (approximately 0.08", 0.26" & 0.03" respectively) cause no damage. The installation of the check dams served its purpose in most areas.

#### Air Quality

All the construction equipment was removed from the Site in October 2011.

In October, as required by AQ-SC3(b), dust palliative was applied to all the areas of disturbance with in Phase 1A area.

Blythe Solar Power Project  
(09-AFC-6C)

Monthly Compliance Report #14

Exhibit 5  
Resource Specialists' Monthly Reports  
**(Please see November's MCR)**



Blythe Solar Power Project  
(09-AFC-6C)

Monthly Compliance Report #14

Exhibit 6  
Daily Reports


**Daily Biological Monitoring Log – Solar Millennium  
Blythe Solar Power Project Maintenance Period**  
USFWS Biological Opinion FWS-ERIV-09B0186-10F0880  
California Energy Commission Final Conditions of Certification 09-AFC-6

<b>Monitor:</b>	A SINGH		<b>Date:</b>	12/01/11	
<b>Starting Location and Activity:</b>	DRAKES DR.		<b>Site Code:</b>	Blythe	
<b>Weather:</b>	WINDY	<b>Start</b> : AM	<b>Midday</b> :	<b>End</b> : PM	
<b>Rainfall?</b>	<b>Temp:</b> 62	1410	—	—	
Y <input checked="" type="radio"/> N <input type="radio"/>	<b>% Cloud Cover:</b>	0	—	—	
<b>Daily Monitoring Section</b>					
<b>Condition (BIO COC)</b>		<b>Compliance?</b>		<b>Comments</b>	
8.3. Speed limit 25mph, no off road activity		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A			
8.7. Night lighting avoids wildlife habitat		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A			
8.9. Vehicles/equipment checked for DT prior to movement		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A			
8.10. Wildlife pitfall (trenches/borers) and entrapment (pipes/culverts) areas checked. Cattle guards checked.		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A			
8.11. No project related standing water, note check times/locations (does not apply to naturally ponding rain water)		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A			
8.12. Road kill removed, note species/location		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A		NONE SEEN	
8.13. DB informed of hazardous spills with proper clean up/disposal, toxins avoided, hazardous materials stored in approved locations		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A		NO SPILLS	
8.14. Trash/food in sealed containers, removed daily		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A			
8.14. No pets/firearms/weapons, wildlife not fed		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A			
8.15. Erosion control (eg. silt fences) present and functioning		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A			
9, 16, 17, 18. Special status species observed? Describe below and report to DB/BM.		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A		NONE SEEN	
14. If present, are invasive weed species below reporting threshold? Describe below (see Weed ID Guide Instructions). Coordinate with Designated Botanist as needed.		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A			
9.1.d. DT exclusion fence intact? Note any repairs made to fencing. See monitoring details below.		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A			


DB=Designated Biologist, BM=Biological Monitor, DT=Desert Tortoise, COC=California Energy Commission Conditions of Certification

**Daily Biological Monitoring Log – Solar Millennium**  
**Blythe Solar Power Project Maintenance Period**  
*USFWS Biological Opinion FWS-ERIV-09B0186-10F0880*  
*California Energy Commission Final Conditions of Certification 09-AFC-6*


**BIO -13 - Raven Monitoring:** Weekly reconnaissance focusing on potential subsidies (waste disposal areas, erected structures and staged equipment, water). Coordinate with DB/BM on adaptive management measures. See Raven monitoring and control plan for details.

Raven Monitoring Data								
Number of Ravens Observed	Date/Time	Location	Project Feature	Activity (flying; ground; perching and type of perch).	Nest Sites (Location -GPS coordinates; status – occupied or unoccupied)	If Unoccupied was nest removed?	Is this a recurring observation?	Adaptive management strategy?
								

**BIO -14 - Weed Monitoring:** See attached weed monitoring guidebook. Document weeds accordingly. Coordinate with the DB and Designated Botanist on identification (as needed) and treatment recommendations.

Weed Monitoring Data						
Weed Species Observed	Date/Time	Location	Number of Individuals/ Size of Infested Area	GPS Coordinates	Are flowers present?	Treatment Recommendations
						

**BIO-9 - DT Fence Monitoring:** Monthly survey of entire fenceline to detect any damage or breaches. Inspect fencing within 24 hours of a major rain event. Inspect temporary fencing weekly. Repair any damage by temporary means immediately and permanently repair the fence within 48 hours. If DT could have entered, notify the DB who must conduct an inspection.

DT Fence Monitoring Data						
Fence Damage Observed	Date/Time	Location	Repair Needed	Temporary Repair Completion Date	Permanent Repair Completion Date	Notification to DB
						



# Daily Biological Monitoring Log – Solar Millennium

## Blythe Solar Power Project Maintenance Period

USFWS Biological Opinion FWS-ERIV-09B0186-10F0880


California Energy Commission Final Conditions of Certification 09-AFC-6

### DT Fence Monitoring Data, continued

Fence Damage Observed	Date/Time	Location	Repair Needed	Temporary Repair Completion Date	Permanent Repair Completion Date	Notification to DB

**Special-Status Species Observations (BIO-9, 16, 17, 18):** Kit Fox, American Badger, Burrowing Owl, Bird Nest, or Desert Tortoise. Record these special-status species if observed within the Phase 1A project area. See the WEAP training materials which describe these species (attached) and coordinate with the DB or BM regarding identification as needed, Notify the DB or BM to determine if protective measures are necessary.

### Special-Status Species Observed

Species	Date/Time	Location	Activity (of species)	GPS Coordinates	Protective Measures	Notification to DB/BM
						

### Notes/Comments Section

Notes/comments are to be captured in chronological order. If follow up is required, please include notes detailing this.

Time	ACT <sup>1</sup>	LOC <sup>2</sup>	Notes/Comments	CL <sup>3</sup>

#### Activity (ACT)<sup>1</sup>

1. DT Fencing
2. Access/egress
3. DT Fence repair
4. Check dam repair
4. SWPPP
5. Other (specify)
6. Weed treatment

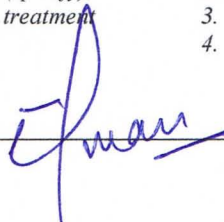
#### Location (LOC)<sup>2</sup>

1. DT Fence
2. Well Site
3. Access Road
4. Drainage Crossings
5. Other \_\_\_\_\_
6. Other \_\_\_\_\_
7. Other \_\_\_\_\_

#### Compliance Levels (CL)<sup>3</sup>

1. Acceptable
2. Notification
3. Non-compliance
4. Non-compliance Resolution

Signature: \_\_\_\_\_



**Daily Biological Monitoring Log – Solar Millennium  
Blythe Solar Power Project Maintenance Period**  
USFWS Biological Opinion FWS-ERIV-09B0186-10F0880  
California Energy Commission Final Conditions of Certification 09-AFC-6

<b>Monitor:</b>	A SINGH		<b>Date:</b>	12/05/11	
<b>Starting Location and Activity:</b>	DRAULER DRIVE		<b>Site Code:</b>	Blythe	
<b>Weather:</b>	CLEAR	<b>Start</b> : AM	<b>Midday</b> :	<b>End</b> : PM	
<b>Rainfall?</b>	<b>Temp:</b> 60	1475	—	—	
Y <input checked="" type="radio"/> N <input type="radio"/>	<b>% Cloud Cover:</b>	Ø	Ø	Ø	
<b>Daily Monitoring Section</b>					
<b>Condition (BIO COC)</b>		<b>Compliance?</b>		<b>Comments</b>	
8.3. Speed limit 25mph, no off road activity		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A			
8.7. Night lighting avoids wildlife habitat		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A			
8.9. Vehicles/equipment checked for DT prior to movement		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A			
8.10. Wildlife pitfall (trenches/bore) and entrapment (pipes/culverts) areas checked. Cattle guards checked.		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A			
8.11. No project related standing water, note check times/locations (does not apply to naturally ponding rain water)		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A			
8.12. Road kill removed, note species/location		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A		NONE SEEN	
8.13. DB informed of hazardous spills with proper clean up/disposal, toxins avoided, hazardous materials stored in approved locations		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A		NO SPILLS	
8.14. Trash/food in sealed containers, removed daily		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A			
8.14. No pets/firearms/weapons, wildlife not fed		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A			
8.15. Erosion control (eg. silt fences) present and functioning		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A			
9, 16, 17, 18. Special status species observed? Describe below and report to DB/BM.		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A		Ø	
14. If present, are invasive weed species below reporting threshold? Describe below (see Weed ID Guide Instructions). Coordinate with Designated Botanist as needed.		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A			
9.1.d. DT exclusion fence intact? Note any repairs made to fencing. See monitoring details below.		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A			

DB=Designated Biologist, BM=Biological Monitor, DT=Desert Tortoise, COC=California Energy Commission Conditions of Certification



**Daily Biological Monitoring Log – Solar Millennium**  
**Blythe Solar Power Project Maintenance Period**  
 USFWS Biological Opinion FWS-ERIV-09B0186-10F0880  
 California Energy Commission Final Conditions of Certification 09-AFC-6

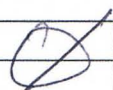
**BIO -13 - Raven Monitoring:** Weekly reconnaissance focusing on potential subsidies (waste disposal areas, erected structures and staged equipment, water). Coordinate with DB/BM on adaptive management measures. See Raven monitoring and control plan for details.

Raven Monitoring Data								
Number of Ravens Observed	Date/Time	Location	Project Feature	Activity (flying; ground; perching and type of perch).	Nest Sites (Location -GPS coordinates; status – occupied or unoccupied)	If Unoccupied was nest removed?	Is this a recurring observation?	Adaptive management strategy?
NONE SEEN								

**BIO -14 - Weed Monitoring:** See attached weed monitoring guidebook. Document weeds accordingly. Coordinate with the DB and Designated Botanist on identification (as needed) and treatment recommendations.

Weed Monitoring Data						
Weed Species Observed	Date/Time	Location	Number of Individuals/ Size of Infested Area	GPS Coordinates	Are flowers present?	Treatment Recommendations
ONLY NATIVE SPECIES PRESENT ON SITE.						

**BIO-9 - DT Fence Monitoring:** Monthly survey of entire fenceline to detect any damage or breaches. Inspect fencing within 24 hours of a major rain event. Inspect temporary fencing weekly. Repair any damage by temporary means immediately and permanently repair the fence within 48 hours. If DT could have entered, notify the DB who must conduct an inspection.

DT Fence Monitoring Data						
Fence Damage Observed	Date/Time	Location	Repair Needed	Temporary Repair Completion Date	Permanent Repair Completion Date	Notification to DB
						

**Daily Biological Monitoring Log – Solar Millennium**  
**Blythe Solar Power Project Maintenance Period**  
 USFWS Biological Opinion FWS-ERIV-09B0186-10F0880  
 California Energy Commission Final Conditions of Certification 09-AFC-6

DT Fence Monitoring Data, continued						
Fence Damage Observed	Date/Time	Location	Repair Needed	Temporary Repair Completion Date	Permanent Repair Completion Date	Notification to DB

**Special-Status Species Observations (BIO-9, 16, 17, 18):** Kit Fox, American Badger, Burrowing Owl, Bird Nest, or Desert Tortoise. Record these special-status species if observed within the Phase 1A project area. See the WEAP training materials which describe these species (attached) and coordinate with the DB or BM regarding identification as needed, Notify the DB or BM to determine if protective measures are necessary.

Special-Status Species Observed						
Species	Date/Time	Location	Activity (of species)	GPS Coordinates	Protective Measures	Notification to DB/BM
NONE SEEN						

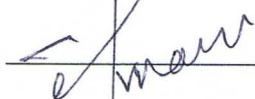
Notes/Comments Section					
Notes/comments are to be captured in chronological order. If follow up is required, please include notes detailing this.					
Time		ACT <sup>1</sup>	LOC <sup>2</sup>	Notes/Comments	CL <sup>3</sup>

- Activity (ACT)<sup>1</sup>**
- DT Fencing
  - Access/egress
  - DT Fence repair
  - Check dam repair
  - SWPPP
  - Other (specify)
  - Weed treatment

- Location (LOC)<sup>2</sup>**
- DT Fence
  - Well Site
  - Access Road
  - Drainage Crossings
  - Other
  - Other
  - Other

- Compliance Levels (CL)<sup>3</sup>**
- Acceptable
  - Notification
  - Non-compliance
  - Non-compliance Resolution

Signature: \_\_\_\_\_

















**Daily Biological Monitoring Log – Solar Millennium  
Blythe Solar Power Project Maintenance Period**  
USFWS Biological Opinion FWS-ERIV-09B0186-10F0880  
California Energy Commission Final Conditions of Certification 09-AFC-6


<b>Monitor:</b>	A SINGH		<b>Date:</b>	12/06/11	
<b>Starting Location and Activity:</b>	WELL YARD		<b>Site Code:</b>	Blythe	
<b>Weather:</b>	SUNNY	<b>Start</b> : AM	<b>Midday</b> :	<b>End</b> : PM	
<b>Rainfall?</b>	Temp: 50°	1015	—	—	
<b>Y N</b>	% Cloud Cover:	0	—	—	
<b>Daily Monitoring Section</b>					
<b>Condition (BIO COC)</b>		<b>Compliance?</b>		<b>Comments</b>	
8.3. Speed limit 25mph, no off road activity		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A			
8.7. Night lighting avoids wildlife habitat		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A			
8.9. Vehicles/equipment checked for DT prior to movement		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A			
8.10. Wildlife pitfall (trenches/borers) and entrapment (pipes/culverts) areas checked. Cattle guards checked.		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A			
8.11. No project related standing water, note check times/locations (does not apply to naturally ponding rain water)		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A			
8.12. Road kill removed, note species/location		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A		NONE SEEN	
8.13. DB informed of hazardous spills with proper clean up/disposal, toxins avoided, hazardous materials stored in approved locations		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A		NO SPILLS	
8.14. Trash/food in sealed containers, removed daily		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A			
8.14. No pets/firearms/weapons, wildlife not fed		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A			
8.15. Erosion control (eg. silt fences) present and functioning		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A			
9, 16, 17, 18. Special status species observed? Describe below and report to DB/BM.		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A		NONE SEEN	
14. If present, are invasive weed species below reporting threshold? Describe below (see Weed ID Guide Instructions). Coordinate with Designated Botanist as needed.		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A			
9.1.d. DT exclusion fence intact? Note any repairs made to fencing. See monitoring details below.		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A			

DB=Designated Biologist, BM=Biological Monitor, DT=Desert Tortoise, COC=California Energy Commission Conditions of Certification




**Daily Biological Monitoring Log – Solar Millennium**  
**Blythe Solar Power Project Maintenance Period**  
*USFWS Biological Opinion FWS-ERIV-09B0186-10F0880*  
*California Energy Commission Final Conditions of Certification 09-AFC-6*


**BIO -13 - Raven Monitoring:** Weekly reconnaissance focusing on potential subsidies (waste disposal areas, erected structures and staged equipment, water). Coordinate with DB/BM on adaptive management measures. See Raven monitoring and control plan for details.

Raven Monitoring Data								
Number of Ravens Observed	Date/Time	Location	Project Feature	Activity (flying; ground; perching and type of perch).	Nest Sites (Location -GPS coordinates; status – occupied or unoccupied)	If Unoccupied was nest removed?	Is this a recurring observation?	Adaptive management strategy?
								

**BIO -14 - Weed Monitoring:** See attached weed monitoring guidebook. Document weeds accordingly. Coordinate with the DB and Designated Botanist on identification (as needed) and treatment recommendations.

Weed Monitoring Data						
Weed Species Observed	Date/Time	Location	Number of Individuals/ Size of Infested Area	GPS Coordinates	Are flowers present?	Treatment Recommendations
						

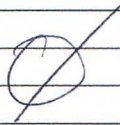
**BIO-9 - DT Fence Monitoring:** Monthly survey of entire fenceline to detect any damage or breaches. Inspect fencing within 24 hours of a major rain event. Inspect temporary fencing weekly. Repair any damage by temporary means immediately and permanently repair the fence within 48 hours. If DT could have entered, notify the DB who must conduct an inspection.

DT Fence Monitoring Data						
Fence Damage Observed	Date/Time	Location	Repair Needed	Temporary Repair Completion Date	Permanent Repair Completion Date	Notification to DB
						

**Daily Biological Monitoring Log – Solar Millennium**  
**Blythe Solar Power Project Maintenance Period**  
 USFWS Biological Opinion FWS-ERIV-09B0186-10F0880  
 California Energy Commission Final Conditions of Certification 09-AFC-6

DT Fence Monitoring Data, continued						
Fence Damage Observed	Date/Time	Location	Repair Needed	Temporary Repair Completion Date	Permanent Repair Completion Date	Notification to DB

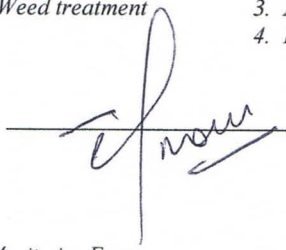
**Special-Status Species Observations (BIO-9, 16, 17, 18):** Kit Fox, American Badger, Burrowing Owl, Bird Nest, or Desert Tortoise. Record these special-status species if observed within the Phase 1A project area. See the WEAP training materials which describe these species (attached) and coordinate with the DB or BM regarding identification as needed. Notify the DB or BM to determine if protective measures are necessary.

Special-Status Species Observed						
Species	Date/Time	Location	Activity (of species)	GPS Coordinates	Protective Measures	Notification to DB/BM
						

Notes/Comments Section					
Notes/comments are to be captured in chronological order. If follow up is required, please include notes detailing this.					
Time	ACT <sup>1</sup>	LOC <sup>2</sup>	Notes/Comments	CL <sup>3</sup>	
1030	MBET WITH	AE CORN	GIW SAMPLING	STAFF ON SITE	

- |  |   |  |
|--|---|--|
| <b>Activity (ACT)<sup>1</sup></b><br>1. DT Fencing    4. SWPPP<br>2. Access/egress    5. Other (specify)<br>3. DT Fence repair    6. Weed treatment<br>4. Check dam repair | <b>Location (LOC)<sup>2</sup></b><br>1. DT Fence    5. Other _____<br>2. Well Site    6. Other _____<br>3. Access Road    7. Other _____<br>4. Drainage Crossings | <b>Compliance Levels (CL)<sup>3</sup></b><br>1. Acceptable<br>2. Notification<br>3. Non-compliance<br>4. Non-compliance Resolution |
|--|---|--|

Signature: \_\_\_\_\_





**Daily Biological Monitoring Log – Solar Millennium**  
**Blythe Solar Power Project Maintenance Period**  
 USFWS Biological Opinion FWS-ERIV-09B0186-10F0880  
 California Energy Commission Final Conditions of Certification 09-AFC-6

<b>Monitor:</b>	A SINGH		<b>Date:</b>	12/07/11	
<b>Starting Location and Activity:</b>	DRACKER DRIVE		<b>Site Code:</b>	Blythe	
<b>Weather:</b>	SUNNY	<b>Start</b> : AM	<b>Midday</b> :	<b>End</b> : PM	
<b>Rainfall?</b>	Temp: 56	1130	—	—	
Y <u>N</u>	% Cloud Cover:	0	—	—	
<b>Daily Monitoring Section</b>					
<b>Condition (BIO COC)</b>		<b>Compliance?</b>		<b>Comments</b>	
8.3. Speed limit 25mph, no off road activity		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A			
8.7. Night lighting avoids wildlife habitat		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A			
8.9. Vehicles/equipment checked for DT prior to movement		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A			
8.10. Wildlife pitfall (trenches/borers) and entrapment (pipes/culverts) areas checked. Cattle guards checked.		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A			
8.11. No project related standing water, note check times/locations (does not apply to naturally ponding rain water)		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A			
8.12. Road kill removed, note species/location		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A		NONE SEEN	
8.13. DB informed of hazardous spills with proper clean up/disposal, toxins avoided, hazardous materials stored in approved locations		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A		NO SPILLS	
8.14. Trash/food in sealed containers, removed daily		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A			
8.14. No pets/firearms/weapons, wildlife not fed		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A			
8.15. Erosion control (eg. silt fences) present and functioning		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A			
9, 16, 17, 18. Special status species observed? Describe below and report to DB/BM.		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A		NONE SEEN	
14. If present, are invasive weed species below reporting threshold? Describe below (see Weed ID Guide Instructions). Coordinate with Designated Botanist as needed.		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A			
9.1.d. DT exclusion fence intact? Note any repairs made to fencing. See monitoring details below.		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A			

DB=Designated Biologist, BM=Biological Monitor, DT=Desert Tortoise, COC=California Energy Commission Conditions of Certification



**Daily Biological Monitoring Log – Solar Millennium**  
**Blythe Solar Power Project Maintenance Period**  
 USFWS Biological Opinion FWS-ERIV-09B0186-10F0880  
 California Energy Commission Final Conditions of Certification 09-AFC-6

**BIO -13 - Raven Monitoring:** Weekly reconnaissance focusing on potential subsidies (waste disposal areas, erected structures and staged equipment, water). Coordinate with DB/BM on adaptive management measures. See Raven monitoring and control plan for details.

Raven Monitoring Data								
Number of Ravens Observed	Date/Time	Location	Project Feature	Activity (flying; ground; perching and type of perch).	Nest Sites (Location -GPS coordinates; status – occupied or unoccupied)	If Unoccupied was nest removed?	Is this a recurring observation?	Adaptive management strategy?
NONE SEEN								

**BIO -14 - Weed Monitoring:** See attached weed monitoring guidebook. Document weeds accordingly. Coordinate with the DB and Designated Botanist on identification (as needed) and treatment recommendations.

Weed Monitoring Data						
Weed Species Observed	Date/Time	Location	Number of Individuals/ Size of Infested Area	GPS Coordinates	Are flowers present?	Treatment Recommendations
ONLY NATIVE SPECIES PRESENT ON SITE						

**BIO-9 - DT Fence Monitoring:** Monthly survey of entire fenceline to detect any damage or breaches. Inspect fencing within 24 hours of a major rain event. Inspect temporary fencing weekly. Repair any damage by temporary means immediately and permanently repair the fence within 48 hours. If DT could have entered, notify the DB who must conduct an inspection.

DT Fence Monitoring Data						
Fence Damage Observed	Date/Time	Location	Repair Needed	Temporary Repair Completion Date	Permanent Repair Completion Date	Notification to DB
Ø						

**Daily Biological Monitoring Log – Solar Millennium**  
**Blythe Solar Power Project Maintenance Period**  
 USFWS Biological Opinion FWS-ERIV-09B0186-10F0880  
 California Energy Commission Final Conditions of Certification 09-AFC-6

DT Fence Monitoring Data, continued						
Fence Damage Observed	Date/Time	Location	Repair Needed	Temporary Repair Completion Date	Permanent Repair Completion Date	Notification to DB

**Special-Status Species Observations (BIO-9, 16, 17, 18):** Kit Fox, American Badger, Burrowing Owl, Bird Nest, or Desert Tortoise. Record these special-status species if observed within the Phase 1A project area. See the WEAP training materials which describe these species (attached) and coordinate with the DB or BM regarding identification as needed, Notify the DB or BM to determine if protective measures are necessary.

Special-Status Species Observed						
Species	Date/Time	Location	Activity (of species)	GPS Coordinates	Protective Measures	Notification to DB/BM

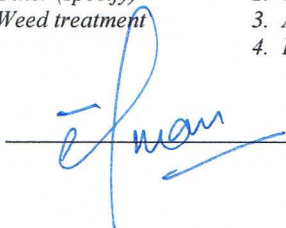
Notes/Comments Section					
Notes/comments are to be captured in chronological order. If follow up is required, please include notes detailing this.					
Time		ACT <sup>1</sup>	LOC <sup>2</sup>	Notes/Comments	CL <sup>3</sup>

- Activity (ACT)<sup>1</sup>**
- 1. DT Fencing
  - 2. Access/egress
  - 3. DT Fence repair
  - 4. Check dam repair
  - 4. SWPPP
  - 5. Other (specify)
  - 6. Weed treatment

- Location (LOC)<sup>2</sup>**
- 1. DT Fence
  - 2. Well Site
  - 3. Access Road
  - 4. Drainage Crossings
  - 5. Other
  - 6. Other
  - 7. Other

- Compliance Levels (CL)<sup>3</sup>**
- 1. Acceptable
  - 2. Notification
  - 3. Non-compliance
  - 4. Non-compliance Resolution

Signature: \_\_\_\_\_






**Daily Biological Monitoring Log – Solar Millennium  
Blythe Solar Power Project Maintenance Period**  
USFWS Biological Opinion FWS-ERIV-09B0186-10F0880  
California Energy Commission Final Conditions of Certification 09-AFC-6

<b>Monitor:</b>	A SINGH		<b>Date:</b>	12/08/11	
<b>Starting Location and Activity:</b>	DRACKER DRIVE		<b>Site Code:</b>	Blythe	
<b>Weather:</b>	PARTLY SUNNY	<b>Start</b> : AM	<b>Midday</b> :	<b>End</b> : PM	
<b>Rainfall?</b>	<b>Temp:</b> 59	1045	—	—	
<b>Y N</b> (circled)	<b>% Cloud Cover:</b>	25%	—	—	
<b>Daily Monitoring Section</b>					
<b>Condition (BIO COC)</b>		<b>Compliance?</b>		<b>Comments</b>	
8.3. Speed limit 25mph, no off road activity		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A			
8.7. Night lighting avoids wildlife habitat		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A			
8.9. Vehicles/equipment checked for DT prior to movement		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A			
8.10. Wildlife pitfall (trenches/bore) and entrapment (pipes/culverts) areas checked. Cattle guards checked.		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A			
8.11. No project related standing water, note check times/locations (does not apply to naturally ponding rain water)		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A			
8.12. Road kill removed, note species/location		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A		NONE SEEN	
8.13. DB informed of hazardous spills with proper clean up/disposal, toxins avoided, hazardous materials stored in approved locations		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A		NO SPILLS	
8.14. Trash/food in sealed containers, removed daily		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A			
8.14. No pets/firearms/weapons, wildlife not fed		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A			
8.15. Erosion control (eg. silt fences) present and functioning		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A			
9, 16, 17, 18. Special status species observed? Describe below and report to DB/BM.		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A		NONE SEEN	
14. If present, are invasive weed species below reporting threshold? Describe below (see Weed ID Guide Instructions). Coordinate with Designated Botanist as needed.		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A			
9.1.d. DT exclusion fence intact? Note any repairs made to fencing. See monitoring details below.		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A			

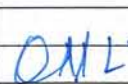
DB=Designated Biologist, BM=Biological Monitor, DT=Desert Tortoise, COC=California Energy Commission Conditions of Certification

**Daily Biological Monitoring Log – Solar Millennium**  
**Blythe Solar Power Project Maintenance Period**  
 USFWS Biological Opinion FWS-ERIV-09B0186-10F0880  
 California Energy Commission Final Conditions of Certification 09-AFC-6

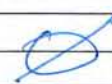
**BIO -13 - Raven Monitoring:** Weekly reconnaissance focusing on potential subsidies (waste disposal areas, erected structures and staged equipment, water). Coordinate with DB/BM on adaptive management measures. See Raven monitoring and control plan for details.

Raven Monitoring Data								
Number of Ravens Observed	Date/Time	Location	Project Feature	Activity (flying; ground; perching and type of perch).	Nest Sites (Location -GPS coordinates; status – occupied or unoccupied)	If Unoccupied was nest removed?	Is this a recurring observation?	Adaptive management strategy?
								

**BIO -14 - Weed Monitoring:** See attached weed monitoring guidebook. Document weeds accordingly. Coordinate with the DB and Designated Botanist on identification (as needed) and treatment recommendations.

Weed Monitoring Data						
Weed Species Observed	Date/Time	Location	Number of Individuals/ Size of Infested Area	GPS Coordinates	Are flowers present?	Treatment Recommendations
						
ONLY NATIVE SPECIES PRESENT ON SITE						

**BIO-9 - DT Fence Monitoring:** Monthly survey of entire fenceline to detect any damage or breaches. Inspect fencing within 24 hours of a major rain event. Inspect temporary fencing weekly. Repair any damage by temporary means immediately and permanently repair the fence within 48 hours. If DT could have entered, notify the DB who must conduct an inspection.

DT Fence Monitoring Data						
Fence Damage Observed	Date/Time	Location	Repair Needed	Temporary Repair Completion Date	Permanent Repair Completion Date	Notification to DB
						



**Daily Biological Monitoring Log – Solar Millennium**  
**Blythe Solar Power Project Maintenance Period**  
 USFWS Biological Opinion FWS-ERIV-09B0186-10F0880  
 California Energy Commission Final Conditions of Certification 09-AFC-6

DT Fence Monitoring Data, continued						
Fence Damage Observed	Date/Time	Location	Repair Needed	Temporary Repair Completion Date	Permanent Repair Completion Date	Notification to DB

**Special-Status Species Observations (BIO-9, 16, 17, 18):** Kit Fox, American Badger, Burrowing Owl, Bird Nest, or Desert Tortoise. Record these special-status species if observed within the Phase 1A project area. See the WEAP training materials which describe these species (attached) and coordinate with the DB or BM regarding identification as needed, Notify the DB or BM to determine if protective measures are necessary.

Special-Status Species Observed						
Species	Date/Time	Location	Activity (of species)	GPS Coordinates	Protective Measures	Notification to DB/BM
NONE SEEN						

Notes/Comments Section					
Notes/comments are to be captured in chronological order. If follow up is required, please include notes detailing this.					
Time		ACT <sup>1</sup>	LOC <sup>2</sup>	Notes/Comments	CL <sup>3</sup>

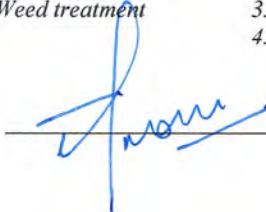
- Activity (ACT)<sup>1</sup>**

1. DT Fencing      4. SWPPP  
 2. Access/egress    5. Other (specify) \_\_\_\_\_  
 3. DT Fence repair   6. Weed treatment \_\_\_\_\_  
 4. Check dam repair
- Location (LOC)<sup>2</sup>**

1. DT Fence      5. Other \_\_\_\_\_  
 2. Well Site      6. Other \_\_\_\_\_  
 3. Access Road   7. Other \_\_\_\_\_  
 4. Drainage Crossings
- Compliance Levels (CL)<sup>3</sup>**

1. Acceptable  
 2. Notification  
 3. Non-compliance  
 4. Non-compliance Resolution

Signature: \_\_\_\_\_



**Daily Biological Monitoring Log – Solar Millennium**  
**Blythe Solar Power Project Maintenance Period**  
 USFWS Biological Opinion FWS-ERIV-09B0186-10F0880  
 California Energy Commission Final Conditions of Certification 09-AFC-6

<b>Monitor:</b>	A SINGH		<b>Date:</b>	12/09/11	
<b>Starting Location and Activity:</b>	DRACKER DRIVE		<b>Site Code:</b>	Blythe	
<b>Weather:</b>	SUNNY	<b>Start</b> : AM		<b>Midday</b> :	<b>End</b> : PM
<b>Rainfall?</b>	<b>Temp:</b> 54	10 15		—	—
Y <input checked="" type="radio"/> N <input type="radio"/>	<b>% Cloud Cover:</b>	0		—	—
<b>Daily Monitoring Section</b>					
<b>Condition (BIO COC)</b>		<b>Compliance?</b>		<b>Comments</b>	
8.3. Speed limit 25mph, no off road activity		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A			
8.7. Night lighting avoids wildlife habitat		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A			
8.9. Vehicles/equipment checked for DT prior to movement		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A			
8.10. Wildlife pitfall (trenches/bore) and entrapment (pipes/culverts) areas checked. Cattle guards checked.		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A			
8.11. No project related standing water, note check times/locations (does not apply to naturally ponding rain water)		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A			
8.12. Road kill removed, note species/location		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A		NONE SEEN	
8.13. DB informed of hazardous spills with proper clean up/disposal, toxins avoided, hazardous materials stored in approved locations		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A		NO SPILLS	
8.14. Trash/food in sealed containers, removed daily		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A			
8.14. No pets/firearms/weapons, wildlife not fed		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A			
8.15. Erosion control (eg. silt fences) present and functioning		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A			
9, 16, 17, 18. Special status species observed? Describe below and report to DB/BM.		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A		NONE SEEN	
14. If present, are invasive weed species below reporting threshold? Describe below (see Weed ID Guide Instructions). Coordinate with Designated Botanist as needed.		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A			
9.1.d. DT exclusion fence intact? Note any repairs made to fencing. See monitoring details below.		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A			

DB=Designated Biologist, BM=Biological Monitor, DT=Desert Tortoise, COC=California Energy Commission Conditions of Certification



**Daily Biological Monitoring Log – Solar Millennium**  
**Blythe Solar Power Project Maintenance Period**  
 USFWS Biological Opinion FWS-ERIV-09B0186-10F0880  
 California Energy Commission Final Conditions of Certification 09-AFC-6


**BIO -13 - Raven Monitoring:** Weekly reconnaissance focusing on potential subsidies (waste disposal areas, erected structures and staged equipment, water). Coordinate with DB/BM on adaptive management measures. See Raven monitoring and control plan for details.

Raven Monitoring Data								
Number of Ravens Observed	Date/Time	Location	Project Feature	Activity (flying; ground; perching and type of perch).	Nest Sites (Location -GPS coordinates; status – occupied or unoccupied)	If Unoccupied was nest removed?	Is this a recurring observation?	Adaptive management strategy?
NONE SEEN								

**BIO -14 - Weed Monitoring:** See attached weed monitoring guidebook. Document weeds accordingly. Coordinate with the DB and Designated Botanist on identification (as needed) and treatment recommendations.

Weed Monitoring Data						
Weed Species Observed	Date/Time	Location	Number of Individuals/ Size of Infested Area	GPS Coordinates	Are flowers present?	Treatment Recommendations
DAILY NATIVE SPECIES PRESENT ON SITE						

**BIO-9 - DT Fence Monitoring:** Monthly survey of entire fenceline to detect any damage or breaches. Inspect fencing within 24 hours of a major rain event. Inspect temporary fencing weekly. Repair any damage by temporary means immediately and permanently repair the fence within 48 hours. If DT could have entered, notify the DB who must conduct an inspection.

DT Fence Monitoring Data						
Fence Damage Observed	Date/Time	Location	Repair Needed	Temporary Repair Completion Date	Permanent Repair Completion Date	Notification to DB
						



# Daily Biological Monitoring Log – Solar Millennium

## Blythe Solar Power Project Maintenance Period

USFWS Biological Opinion FWS-ERIV-09B0186-10F0880

California Energy Commission Final Conditions of Certification 09-AFC-6

### DT Fence Monitoring Data, continued

Fence Damage Observed	Date/Time	Location	Repair Needed	Temporary Repair Completion Date	Permanent Repair Completion Date	Notification to DB

**Special-Status Species Observations (BIO-9, 16, 17, 18):** Kit Fox, American Badger, Burrowing Owl, Bird Nest, or Desert Tortoise. Record these special-status species if observed within the Phase 1A project area. See the WEAP training materials which describe these species (attached) and coordinate with the DB or BM regarding identification as needed, Notify the DB or BM to determine if protective measures are necessary.

### Special-Status Species Observed

Species	Date/Time	Location	Activity (of species)	GPS Coordinates	Protective Measures	Notification to DB/BM
KIT FOX	SEEN					

### Notes/Comments Section

Notes/comments are to be captured in chronological order. If follow up is required, please include notes detailing this.

Time	ACT <sup>1</sup>	LOC <sup>2</sup>	Notes/Comments	CL <sup>3</sup>

#### Activity (ACT)<sup>1</sup>

1. DT Fencing
2. Access/egress
3. DT Fence repair
4. Check dam repair
4. SWPPP
5. Other (specify)
6. Weed treatment

#### Location (LOC)<sup>2</sup>

1. DT Fence
2. Well Site
3. Access Road
4. Drainage Crossings
5. Other
6. Other
7. Other

#### Compliance Levels (CL)<sup>3</sup>

1. Acceptable
2. Notification
3. Non-compliance
4. Non-compliance Resolution

Signature:

**Daily Biological Monitoring Log – Solar Millennium  
Blythe Solar Power Project Maintenance Period**  
USFWS Biological Opinion FWS-ERIV-09B0186-10F0880  
California Energy Commission Final Conditions of Certification 09-AFC-6


<b>Monitor:</b>	A SINGH		<b>Date:</b>	12/12/11	
<b>Starting Location and Activity:</b>	DRAKER DRIVE		<b>Site Code:</b>	Blythe	
<b>Weather:</b>	RAINING	<b>Start</b> : AM	<b>Midday</b> :	<b>End</b> : PM	
<b>Rainfall?</b>	Temp: 59	1415	—	—	
(Y) N 0.08"	% Cloud Cover:	100%	—	—	
<b>Daily Monitoring Section</b>					
<b>Condition (BIO COC)</b>		<b>Compliance?</b>		<b>Comments</b>	
8.3. Speed limit 25mph, no off road activity		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A			
8.7. Night lighting avoids wildlife habitat		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A			
8.9. Vehicles/equipment checked for DT prior to movement		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A			
8.10. Wildlife pitfall (trenches/borers) and entrapment (pipes/culverts) areas checked. Cattle guards checked.		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A			
8.11. No project related standing water, note check times/locations (does not apply to naturally ponding rain water)		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A			
8.12. Road kill removed, note species/location		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A		NONE SEEN	
8.13. DB informed of hazardous spills with proper clean up/disposal, toxins avoided, hazardous materials stored in approved locations		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A		NO SPILLS	
8.14. Trash/food in sealed containers, removed daily		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A			
8.14. No pets/firearms/weapons, wildlife not fed		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A			
8.15. Erosion control (eg. silt fences) present and functioning		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A			
9, 16, 17, 18. Special status species observed? Describe below and report to DB/BM.		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A		NONE SEEN	
14. If present, are invasive weed species below reporting threshold? Describe below (see Weed ID Guide Instructions). Coordinate with Designated Botanist as needed.		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A			
9.1.d. DT exclusion fence intact? Note any repairs made to fencing. See monitoring details below.		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A			

DB=Designated Biologist, BM=Biological Monitor, DT=Desert Tortoise, COC=California Energy Commission Conditions of Certification



**Daily Biological Monitoring Log – Solar Millennium**  
**Blythe Solar Power Project Maintenance Period**  
*USFWS Biological Opinion FWS-ERIV-09B0186-10F0880*  
*California Energy Commission Final Conditions of Certification 09-AFC-6*


**BIO -13 - Raven Monitoring:** Weekly reconnaissance focusing on potential subsidies (waste disposal areas, erected structures and staged equipment, water). Coordinate with DB/BM on adaptive management measures. See Raven monitoring and control plan for details.

Raven Monitoring Data								
Number of Ravens Observed	Date/Time	Location	Project Feature	Activity (flying; ground; perching and type of perch).	Nest Sites (Location -GPS coordinates; status – occupied or unoccupied)	If Unoccupied was nest removed?	Is this a recurring observation?	Adaptive management strategy?
								

**BIO -14 - Weed Monitoring:** See attached weed monitoring guidebook. Document weeds accordingly. Coordinate with the DB and Designated Botanist on identification (as needed) and treatment recommendations.

Weed Monitoring Data						
Weed Species Observed	Date/Time	Location	Number of Individuals/ Size of Infested Area	GPS Coordinates	Are flowers present?	Treatment Recommendations
<u>ONLY NATIVE SPECIES PRESENT ON SITE</u>						

**BIO-9 - DT Fence Monitoring:** Monthly survey of entire fenceline to detect any damage or breaches. Inspect fencing within 24 hours of a major rain event. Inspect temporary fencing weekly. Repair any damage by temporary means immediately and permanently repair the fence within 48 hours. If DT could have entered, notify the DB who must conduct an inspection.

DT Fence Monitoring Data						
Fence Damage Observed	Date/Time	Location	Repair Needed	Temporary Repair Completion Date	Permanent Repair Completion Date	Notification to DB
						

# Daily Biological Monitoring Log – Solar Millennium

## Blythe Solar Power Project Maintenance Period

USFWS Biological Opinion FWS-ERIV-09B0186-10F0880

California Energy Commission Final Conditions of Certification 09-AFC-6

### DT Fence Monitoring Data, continued

Fence Damage Observed	Date/Time	Location	Repair Needed	Temporary Repair Completion Date	Permanent Repair Completion Date	Notification to DB

**Special-Status Species Observations (BIO-9, 16, 17, 18):** Kit Fox, American Badger, Burrowing Owl, Bird Nest, or Desert Tortoise. Record these special-status species if observed within the Phase 1A project area. See the WEAP training materials which describe these species (attached) and coordinate with the DB or BM regarding identification as needed, Notify the DB or BM to determine if protective measures are necessary.

### Special-Status Species Observed

Species	Date/Time	Location	Activity (of species)	GPS Coordinates	Protective Measures	Notification to DB/BM
NONE SEEN						

### Notes/Comments Section

Notes/comments are to be captured in chronological order. If follow up is required, please include notes detailing this.

Time	ACT <sup>1</sup>	LOC <sup>2</sup>	Notes/Comments	CL <sup>3</sup>

#### Activity (ACT)<sup>1</sup>

1. DT Fencing
2. Access/egress
3. DT Fence repair
4. Check dam repair
5. SWPPP
6. Weed treatment

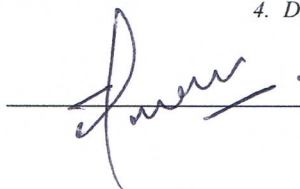
#### Location (LOC)<sup>2</sup>

1. DT Fence
2. Well Site
3. Access Road
4. Drainage Crossings
5. Other \_\_\_\_\_
6. Other \_\_\_\_\_
7. Other \_\_\_\_\_

#### Compliance Levels (CL)<sup>3</sup>

1. Acceptable
2. Notification
3. Non-compliance
4. Non-compliance Resolution

Signature:





**Daily Biological Monitoring Log – Solar Millennium  
Blythe Solar Power Project Maintenance Period**  
USFWS Biological Opinion FWS-ERIV-09B0186-10F0880  
California Energy Commission Final Conditions of Certification 09-AFC-6

<b>Monitor:</b>	A SINGH		<b>Date:</b>	12/13/11	
<b>Starting Location and Activity:</b>	DRACILER DR.		<b>Site Code:</b>	Blythe	
<b>Weather:</b>	RAINING.	<b>Start</b> : AM	<b>Midday</b> :	<b>End</b> : PM	
<b>Rainfall?</b>	Temp: 57	1510	—	—	
Y N 0.33"	% Cloud Cover:	100%	—	—	
<b>Daily Monitoring Section</b>					
<b>Condition (BIO COC)</b>		<b>Compliance?</b>		<b>Comments</b>	
8.3. Speed limit 25mph, no off road activity		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A			
8.7. Night lighting avoids wildlife habitat		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A			
8.9. Vehicles/equipment checked for DT prior to movement		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A			
8.10. Wildlife pitfall (trenches/borers) and entrapment (pipes/culverts) areas checked. Cattle guards checked.		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A			
8.11. No project related standing water, note check times/locations (does not apply to naturally ponding rain water)		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A			
8.12. Road kill removed, note species/location		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A		NONE SEEN	
8.13. DB informed of hazardous spills with proper clean up/disposal, toxins avoided, hazardous materials stored in approved locations		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A		NO SPILLS	
8.14. Trash/food in sealed containers, removed daily		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A			
8.14. No pets/firearms/weapons, wildlife not fed		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A			
8.15. Erosion control (eg. silt fences) present and functioning		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A			
9, 16, 17, 18. Special status species observed? Describe below and report to DB/BM.		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A		NONE SEEN	
14. If present, are invasive weed species below reporting threshold? Describe below (see Weed ID Guide Instructions). Coordinate with Designated Botanist as needed.		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A			
9.1.d. DT exclusion fence intact? Note any repairs made to fencing. See monitoring details below.		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A			

DB=Designated Biologist, BM=Biological Monitor, DT=Desert Tortoise, COC=California Energy Commission Conditions of Certification

**Daily Biological Monitoring Log – Solar Millennium**  
**Blythe Solar Power Project Maintenance Period**  
*USFWS Biological Opinion FWS-ERIV-09B0186-10F0880*  
*California Energy Commission Final Conditions of Certification 09-AFC-6*

**BIO -13 - Raven Monitoring:** Weekly reconnaissance focusing on potential subsidies (waste disposal areas, erected structures and staged equipment, water). Coordinate with DB/BM on adaptive management measures. See Raven monitoring and control plan for details.

Raven Monitoring Data								
Number of Ravens Observed	Date/Time	Location	Project Feature	Activity (flying; ground; perching and type of perch).	Nest Sites (Location -GPS coordinates; status – occupied or unoccupied)	If Unoccupied was nest removed?	Is this a recurring observation?	Adaptive management strategy?
0								

**BIO -14 - Weed Monitoring:** See attached weed monitoring guidebook. Document weeds accordingly. Coordinate with the DB and Designated Botanist on identification (as needed) and treatment recommendations.

Weed Monitoring Data						
Weed Species Observed	Date/Time	Location	Number of Individuals/ Size of Infested Area	GPS Coordinates	Are flowers present?	Treatment Recommendations
0						

**BIO-9 - DT Fence Monitoring:** Monthly survey of entire fenceline to detect any damage or breaches. Inspect fencing within 24 hours of a major rain event. Inspect temporary fencing weekly. Repair any damage by temporary means immediately and permanently repair the fence within 48 hours. If DT could have entered, notify the DB who must conduct an inspection.

DT Fence Monitoring Data						
Fence Damage Observed	Date/Time	Location	Repair Needed	Temporary Repair Completion Date	Permanent Repair Completion Date	Notification to DB
0						

MINOR EROSION ALONG THE FENCE  
DUE TO RAIN.



# Daily Biological Monitoring Log – Solar Millennium

## Blythe Solar Power Project Maintenance Period

USFWS Biological Opinion FWS-ERIV-09B0186-10F0880

California Energy Commission Final Conditions of Certification 09-AFC-6

### DT Fence Monitoring Data, continued

Fence Damage Observed	Date/Time	Location	Repair Needed	Temporary Repair Completion Date	Permanent Repair Completion Date	Notification to DB
NO REPAIRS NEEDED AT THIS TIME.						

**Special-Status Species Observations (BIO-9, 16, 17, 18):** Kit Fox, American Badger, Burrowing Owl, Bird Nest, or Desert Tortoise. Record these special-status species if observed within the Phase 1A project area. See the WEAP training materials which describe these species (attached) and coordinate with the DB or BM regarding identification as needed. Notify the DB or BM to determine if protective measures are necessary.

### Special-Status Species Observed

Species	Date/Time	Location	Activity (of species)	GPS Coordinates	Protective Measures	Notification to DB/BM
NONE SEEN						

### Notes/Comments Section

Notes/comments are to be captured in chronological order. If follow up is required, please include notes detailing this.

Time	ACT <sup>1</sup>	LOC <sup>2</sup>	Notes/Comments	CL <sup>3</sup>

#### Activity (ACT)<sup>1</sup>

1. DT Fencing
2. Access/egress
3. DT Fence repair
4. Check dam repair
4. SWPPP
5. Other (specify)
6. Weed treatment

#### Location (LOC)<sup>2</sup>

1. DT Fence
2. Well Site
3. Access Road
4. Drainage Crossings
5. Other
6. Other
7. Other

#### Compliance Levels (CL)<sup>3</sup>

1. Acceptable
2. Notification
3. Non-compliance
4. Non-compliance Resolution

Signature:



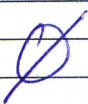
**Daily Biological Monitoring Log – Solar Millennium  
Blythe Solar Power Project Maintenance Period**  
USFWS Biological Opinion FWS-ERIV-09B0186-10F0880  
California Energy Commission Final Conditions of Certification 09-AFC-6

<b>Monitor:</b>	A SINGH		<b>Date:</b>	12/14/11	
<b>Starting Location and Activity:</b>	DRAKIER DRIVE		<b>Site Code:</b>	Blythe	
<b>Weather:</b>	CLEAR	<b>Start</b> : AM	<b>Midday</b> :	<b>End</b> : PM	
<b>Rainfall?</b>	<b>Temp:</b> 58	1410	—	—	
<b>Y (N)</b>	<b>% Cloud Cover:</b>	0	—	—	
<b>Daily Monitoring Section</b>					
<b>Condition (BIO COC)</b>		<b>Compliance?</b>		<b>Comments</b>	
8.3. Speed limit 25mph, no off road activity		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A			
8.7. Night lighting avoids wildlife habitat		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A			
8.9. Vehicles/equipment checked for DT prior to movement		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A			
8.10. Wildlife pitfall (trenches/bores) and entrapment (pipes/culverts) areas checked. Cattle guards checked.		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A			
8. 11. No project related standing water, note check times/locations (does not apply to naturally ponding rain water)		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A			
8.12. Road kill removed, note species/location		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A		NONE SEEN	
8.13. DB informed of hazardous spills with proper clean up/disposal, toxins avoided, hazardous materials stored in approved locations		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A		NO SPILLS	
8.14. Trash/food in sealed containers, removed daily		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A			
8.14. No pets/firearms/weapons, wildlife not fed		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A			
8.15. Erosion control (eg. silt fences) present and functioning		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A			
9, 16, 17, 18. Special status species observed? Describe below and report to DB/BM.		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A		NONE SEEN	
14. If present, are invasive weed species below reporting threshold? Describe below (see Weed ID Guide Instructions). Coordinate with Designated Botanist as needed.		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A			
9.1.d. DT exclusion fence intact? Note any repairs made to fencing. See monitoring details below.		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A			


DB=Designated Biologist, BM=Biological Monitor, DT=Desert Tortoise, COC=California Energy Commission Conditions of Certification

**Daily Biological Monitoring Log – Solar Millennium**  
**Blythe Solar Power Project Maintenance Period**  
*USFWS Biological Opinion FWS-ERIV-09B0186-10F0880*  
*California Energy Commission Final Conditions of Certification 09-AFC-6*


**BIO -13 - Raven Monitoring:** Weekly reconnaissance focusing on potential subsidies (waste disposal areas, erected structures and staged equipment, water). Coordinate with DB/BM on adaptive management measures. See Raven monitoring and control plan for details.

Raven Monitoring Data								
Number of Ravens Observed	Date/Time	Location	Project Feature	Activity (flying; ground; perching and type of perch).	Nest Sites (Location -GPS coordinates; status – occupied or unoccupied)	If Unoccupied was nest removed?	Is this a recurring observation?	Adaptive management strategy?
								

**BIO -14 - Weed Monitoring:** See attached weed monitoring guidebook. Document weeds accordingly. Coordinate with the DB and Designated Botanist on identification (as needed) and treatment recommendations.

Weed Monitoring Data						
Weed Species Observed	Date/Time	Location	Number of Individuals/ Size of Infested Area	GPS Coordinates	Are flowers present?	Treatment Recommendations
						

**BIO-9 - DT Fence Monitoring:** Monthly survey of entire fenceline to detect any damage or breaches. Inspect fencing within 24 hours of a major rain event. Inspect temporary fencing weekly. Repair any damage by temporary means immediately and permanently repair the fence within 48 hours. If DT could have entered, notify the DB who must conduct an inspection.

DT Fence Monitoring Data						
Fence Damage Observed	Date/Time	Location	Repair Needed	Temporary Repair Completion Date	Permanent Repair Completion Date	Notification to DB
						



# Daily Biological Monitoring Log – Solar Millennium

## Blythe Solar Power Project Maintenance Period

USFWS Biological Opinion FWS-ERIV-09B0186-10F0880


California Energy Commission Final Conditions of Certification 09-AFC-6

### DT Fence Monitoring Data, continued

Fence Damage Observed	Date/Time	Location	Repair Needed	Temporary Repair Completion Date	Permanent Repair Completion Date	Notification to DB

**Special-Status Species Observations (BIO-9, 16, 17, 18):** Kit Fox, American Badger, Burrowing Owl, Bird Nest, or Desert Tortoise. Record these special-status species if observed within the Phase 1A project area. See the WEAP training materials which describe these species (attached) and coordinate with the DB or BM regarding identification as needed, Notify the DB or BM to determine if protective measures are necessary.

### Special-Status Species Observed

Species	Date/Time	Location	Activity (of species)	GPS Coordinates	Protective Measures	Notification to DB/BM
						

### Notes/Comments Section

Notes/comments are to be captured in chronological order. If follow up is required, please include notes detailing this.

Time	ACT <sup>1</sup>	LOC <sup>2</sup>	Notes/Comments	CL <sup>3</sup>
1410			MINOR EROSION ALONG THE FENCE AT MULTIPLE SPOTS.	

#### Activity (ACT)<sup>1</sup>

1. DT Fencing
2. Access/egress
3. DT Fence repair
4. Check dam repair
4. SWPPP
5. Other (specify)
6. Weed treatment

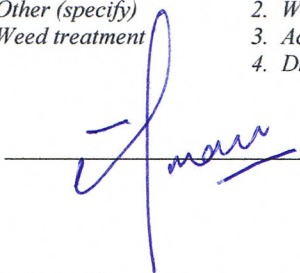
#### Location (LOC)<sup>2</sup>

1. DT Fence
2. Well Site
3. Access Road
4. Drainage Crossings
5. Other
6. Other
7. Other

#### Compliance Levels (CL)<sup>3</sup>

1. Acceptable
2. Notification
3. Non-compliance
4. Non-compliance Resolution

Signature: \_\_\_\_\_



**Daily Biological Monitoring Log – Solar Millennium**  
**Blythe Solar Power Project Maintenance Period**  
 USFWS Biological Opinion FWS-ERIV-09B0186-10F0880  
 California Energy Commission Final Conditions of Certification 09-AFC-6


<b>Monitor:</b>	A SINGH	<b>Date:</b>	12/15/11	
<b>Starting Location and Activity:</b>	DRALKER DRIVE	<b>Site Code:</b>	Blythe	
<b>Weather:</b>	SUNNY	<b>Start</b> : AM	<b>Midday</b> :	<b>End</b> : PM
<b>Rainfall?</b>	Temp: 57	1430	—	—
Y <u>N</u>	% Cloud Cover:	0	—	—
<b>Daily Monitoring Section</b>				
<b>Condition (BIO COC)</b>		<b>Compliance?</b>		<b>Comments</b>
8.3. Speed limit 25mph, no off road activity		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A		
8.7. Night lighting avoids wildlife habitat		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A		
8.9. Vehicles/equipment checked for DT prior to movement		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A		
8.10. Wildlife pitfall (trenches/borers) and entrapment (pipes/culverts) areas checked. Cattle guards checked.		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A		
8.11. No project related standing water, note check times/locations (does not apply to naturally ponding rain water)		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A		
8.12. Road kill removed, note species/location		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A		NONE SEEN
8.13. DB informed of hazardous spills with proper clean up/disposal, toxins avoided, hazardous materials stored in approved locations		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A		NO SPILLS
8.14. Trash/food in sealed containers, removed daily		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A		
8.14. No pets/firearms/weapons, wildlife not fed		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A		
8.15. Erosion control (eg. silt fences) present and functioning		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A		
9, 16, 17, 18. Special status species observed? Describe below and report to DB/BM.		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A		NONE SEEN
14. If present, are invasive weed species below reporting threshold? Describe below (see Weed ID Guide Instructions). Coordinate with Designated Botanist as needed.		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A		
9.1.d. DT exclusion fence intact? Note any repairs made to fencing. See monitoring details below.		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A		

DB=Designated Biologist, BM=Biological Monitor, DT=Desert Tortoise, COC=California Energy Commission Conditions of Certification




**Daily Biological Monitoring Log – Solar Millennium**  
**Blythe Solar Power Project Maintenance Period**  
*USFWS Biological Opinion FWS-ERIV-09B0186-10F0880*  
*California Energy Commission Final Conditions of Certification 09-AFC-6*


**BIO -13 - Raven Monitoring:** Weekly reconnaissance focusing on potential subsidies (waste disposal areas, erected structures and staged equipment, water). Coordinate with DB/BM on adaptive management measures. See Raven monitoring and control plan for details.

Raven Monitoring Data								
Number of Ravens Observed	Date/Time	Location	Project Feature	Activity (flying; ground; perching and type of perch).	Nest Sites (Location -GPS coordinates; status – occupied or unoccupied)	If Unoccupied was nest removed?	Is this a recurring observation?	Adaptive management strategy?
								

**BIO -14 - Weed Monitoring:** See attached weed monitoring guidebook. Document weeds accordingly. Coordinate with the DB and Designated Botanist on identification (as needed) and treatment recommendations.

Weed Monitoring Data						
Weed Species Observed	Date/Time	Location	Number of Individuals/ Size of Infested Area	GPS Coordinates	Are flowers present?	Treatment Recommendations
						

**BIO-9 - DT Fence Monitoring:** Monthly survey of entire fenceline to detect any damage or breaches. Inspect fencing within 24 hours of a major rain event. Inspect temporary fencing weekly. Repair any damage by temporary means immediately and permanently repair the fence within 48 hours. If DT could have entered, notify the DB who must conduct an inspection.

DT Fence Monitoring Data						
Fence Damage Observed	Date/Time	Location	Repair Needed	Temporary Repair Completion Date	Permanent Repair Completion Date	Notification to DB
						



# Daily Biological Monitoring Log – Solar Millennium

## Blythe Solar Power Project Maintenance Period

USFWS Biological Opinion FWS-ERIV-09B0186-10F0880


California Energy Commission Final Conditions of Certification 09-AFC-6

### DT Fence Monitoring Data, continued

Fence Damage Observed	Date/Time	Location	Repair Needed	Temporary Repair Completion Date	Permanent Repair Completion Date	Notification to DB

**Special-Status Species Observations (BIO-9, 16, 17, 18):** Kit Fox, American Badger, Burrowing Owl, Bird Nest, or Desert Tortoise. Record these special-status species if observed within the Phase 1A project area. See the WEAP training materials which describe these species (attached) and coordinate with the DB or BM regarding identification as needed, Notify the DB or BM to determine if protective measures are necessary.

### Special-Status Species Observed

Species	Date/Time	Location	Activity (of species)	GPS Coordinates	Protective Measures	Notification to DB/BM
						

### Notes/Comments Section

Notes/comments are to be captured in chronological order. If follow up is required, please include notes detailing this.

Time	ACT <sup>1</sup>	LOC <sup>2</sup>	Notes/Comments	CL <sup>3</sup>

#### Activity (ACT)<sup>1</sup>

1. DT Fencing
2. Access/egress
3. DT Fence repair
4. Check dam repair
4. SWPPP
5. Other (specify)
6. Weed treatment

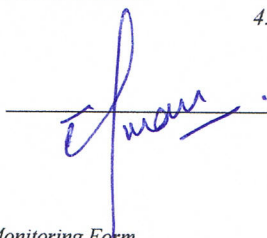
#### Location (LOC)<sup>2</sup>

1. DT Fence
2. Well Site
3. Access Road
4. Drainage Crossings
5. Other \_\_\_\_\_
6. Other \_\_\_\_\_
7. Other \_\_\_\_\_

#### Compliance Levels (CL)<sup>3</sup>

1. Acceptable
2. Notification
3. Non-compliance
4. Non-compliance Resolution

Signature:



**Daily Biological Monitoring Log – Solar Millennium  
Blythe Solar Power Project Maintenance Period  
USFWS Biological Opinion FWS-ERIV-09B0186-10F0880  
California Energy Commission Final Conditions of Certification 09-AFC-6**

<b>Monitor:</b>	A SINGH		<b>Date:</b>	12/16/11	
<b>Starting Location and Activity:</b>	DRACKER DR.		<b>Site Code:</b>	Blythe	
<b>Weather:</b>	WINDY	<b>Start</b> : AM	<b>Midday</b> :	<b>End</b> : PM	
<b>Rainfall?</b>	<b>Temp:</b> 65°	1320	—	—	
Y <u>N</u>	<b>% Cloud Cover:</b>	0	—	—	
<b>Daily Monitoring Section</b>					
<b>Condition (BIO COC)</b>		<b>Compliance?</b>		<b>Comments</b>	
8.3. Speed limit 25mph, no off road activity		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A			
8.7. Night lighting avoids wildlife habitat		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A			
8.9. Vehicles/equipment checked for DT prior to movement		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A			
8.10. Wildlife pitfall (trenches/bore) and entrapment (pipes/culverts) areas checked. Cattle guards checked.		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A			
8.11. No project related standing water, note check times/locations (does not apply to naturally ponding rain water)		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A			
8.12. Road kill removed, note species/location		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A		NONE SEEN	
8.13. DB informed of hazardous spills with proper clean up/disposal, toxins avoided, hazardous materials stored in approved locations		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A		NO SPILLS	
8.14. Trash/food in sealed containers, removed daily		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A			
8.14. No pets/firearms/weapons, wildlife not fed		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A			
8.15. Erosion control (eg. silt fences) present and functioning		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A			
9, 16, 17, 18. Special status species observed? Describe below and report to DB/BM.		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A		NONE SEEN	
14. If present, are invasive weed species below reporting threshold? Describe below (see Weed ID Guide Instructions). Coordinate with Designated Botanist as needed.		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A			
9.1.d. DT exclusion fence intact? Note any repairs made to fencing. See monitoring details below.		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A			

DB=Designated Biologist, BM=Biological Monitor, DT=Desert Tortoise, COC=California Energy Commission Conditions of Certification



**Daily Biological Monitoring Log – Solar Millennium**  
**Blythe Solar Power Project Maintenance Period**  
*USFWS Biological Opinion FWS-ERIV-09B0186-10F0880*  
*California Energy Commission Final Conditions of Certification 09-AFC-6*

**BIO -13 - Raven Monitoring:** Weekly reconnaissance focusing on potential subsidies (waste disposal areas, erected structures and staged equipment, water). Coordinate with DB/BM on adaptive management measures. See Raven monitoring and control plan for details.

Raven Monitoring Data								
Number of Ravens Observed	Date/Time	Location	Project Feature	Activity (flying; ground; perching and type of perch).	Nest Sites (Location -GPS coordinates; status – occupied or unoccupied)	If Unoccupied was nest removed?	Is this a recurring observation?	Adaptive management strategy?
0								

**BIO -14 - Weed Monitoring:** See attached weed monitoring guidebook. Document weeds accordingly. Coordinate with the DB and Designated Botanist on identification (as needed) and treatment recommendations.

Weed Monitoring Data						
Weed Species Observed	Date/Time	Location	Number of Individuals/ Size of Infested Area	GPS Coordinates	Are flowers present?	Treatment Recommendations
0						

**BIO-9 - DT Fence Monitoring:** Monthly survey of entire fenceline to detect any damage or breaches. Inspect fencing within 24 hours of a major rain event. Inspect temporary fencing weekly. Repair any damage by temporary means immediately and permanently repair the fence within 48 hours. If DT could have entered, notify the DB who must conduct an inspection.

DT Fence Monitoring Data						
Fence Damage Observed	Date/Time	Location	Repair Needed	Temporary Repair Completion Date	Permanent Repair Completion Date	Notification to DB
0						

**Daily Biological Monitoring Log – Solar Millennium**  
**Blythe Solar Power Project Maintenance Period**  
 USFWS Biological Opinion FWS-ERIV-09B0186-10F0880  
 California Energy Commission Final Conditions of Certification 09-AFC-6

DT Fence Monitoring Data, continued						
Fence Damage Observed	Date/Time	Location	Repair Needed	Temporary Repair Completion Date	Permanent Repair Completion Date	Notification to DB

**Special-Status Species Observations (BIO-9, 16, 17, 18):** Kit Fox, American Badger, Burrowing Owl, Bird Nest, or Desert Tortoise. Record these special-status species if observed within the Phase 1A project area. See the WEAP training materials which describe these species (attached) and coordinate with the DB or BM regarding identification as needed. Notify the DB or BM to determine if protective measures are necessary.

Special-Status Species Observed						
Species	Date/Time	Location	Activity (of species)	GPS Coordinates	Protective Measures	Notification to DB/BM
0						

Notes/Comments Section					
Notes/comments are to be captured in chronological order. If follow up is required, please include notes detailing this.					
Time		ACT <sup>1</sup>	LOC <sup>2</sup>	Notes/Comments	CL <sup>3</sup>

**Activity (ACT)<sup>1</sup>**

1. DT Fencing
2. Access/egress
3. DT Fence repair
4. Check dam repair
4. SWPPP
5. Other (specify)
6. Weed treatment

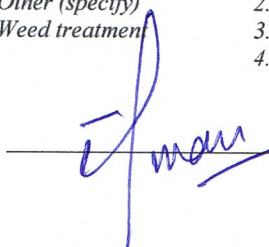
**Location (LOC)<sup>2</sup>**

1. DT Fence
2. Well Site
3. Access Road
4. Drainage Crossings
5. Other \_\_\_\_\_
6. Other \_\_\_\_\_
7. Other \_\_\_\_\_

**Compliance Levels (CL)<sup>3</sup>**

1. Acceptable
2. Notification
3. Non-compliance
4. Non-compliance Resolution

Signature: \_\_\_\_\_






**Daily Biological Monitoring Log – Solar Millennium  
Blythe Solar Power Project Maintenance Period  
USFWS Biological Opinion FWS-ERIV-09B0186-10F0880  
California Energy Commission Final Conditions of Certification 09-AFC-6**

<b>Monitor:</b>	A SINGH		<b>Date:</b>	12/19/11	
<b>Starting Location and Activity:</b>	DRACKER DRIVE		<b>Site Code:</b>	Blythe	
<b>Weather:</b>	CLEAR	<b>Start</b> : AM	<b>Midday</b> :	<b>End</b> : PM	
<b>Rainfall?</b>	Temp: 57°	10 45	—	—	
Y <u>N</u>	% Cloud Cover:	0	—	—	
<b>Daily Monitoring Section</b>					
<b>Condition (BIO COC)</b>		<b>Compliance?</b>		<b>Comments</b>	
8.3. Speed limit 25mph, no off road activity		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A			
8.7. Night lighting avoids wildlife habitat		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A			
8.9. Vehicles/equipment checked for DT prior to movement		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A			
8.10. Wildlife pitfall (trenches/borers) and entrapment (pipes/culverts) areas checked. Cattle guards checked.		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A			
8.11. No project related standing water, note check times/locations (does not apply to naturally ponding rain water)		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A			
8.12. Road kill removed, note species/location		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A		NONE SEEN	
8.13. DB informed of hazardous spills with proper clean up/disposal, toxins avoided, hazardous materials stored in approved locations		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A		NO SPILLS	
8.14. Trash/food in sealed containers, removed daily		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A			
8.14. No pets/firearms/weapons, wildlife not fed		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A			
8.15. Erosion control (eg. silt fences) present and functioning		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A			
9, 16, 17, 18. Special status species observed? Describe below and report to DB/BM.		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A		NONE SEEN	
14. If present, are invasive weed species below reporting threshold? Describe below (see Weed ID Guide Instructions). Coordinate with Designated Botanist as needed.		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A			
9.1.d. DT exclusion fence intact? Note any repairs made to fencing. See monitoring details below.		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A			


DB=Designated Biologist, BM=Biological Monitor, DT=Desert Tortoise, COC=California Energy Commission Conditions of Certification

**Daily Biological Monitoring Log – Solar Millennium**  
**Blythe Solar Power Project Maintenance Period**  
*USFWS Biological Opinion FWS-ERIV-09B0186-10F0880*  
*California Energy Commission Final Conditions of Certification 09-AFC-6*


**BIO -13 - Raven Monitoring:** Weekly reconnaissance focusing on potential subsidies (waste disposal areas, erected structures and staged equipment, water). Coordinate with DB/BM on adaptive management measures. See Raven monitoring and control plan for details.

Raven Monitoring Data								
Number of Ravens Observed	Date/Time	Location	Project Feature	Activity (flying; ground; perching and type of perch).	Nest Sites (Location -GPS coordinates; status – occupied or unoccupied)	If Unoccupied was nest removed?	Is this a recurring observation?	Adaptive management strategy?
								

**BIO -14 - Weed Monitoring:** See attached weed monitoring guidebook. Document weeds accordingly. Coordinate with the DB and Designated Botanist on identification (as needed) and treatment recommendations.

Weed Monitoring Data						
Weed Species Observed	Date/Time	Location	Number of Individuals/ Size of Infested Area	GPS Coordinates	Are flowers present?	Treatment Recommendations
						

**BIO-9 - DT Fence Monitoring:** Monthly survey of entire fenceline to detect any damage or breaches. Inspect fencing within 24 hours of a major rain event. Inspect temporary fencing weekly. Repair any damage by temporary means immediately and permanently repair the fence within 48 hours. If DT could have entered, notify the DB who must conduct an inspection.

DT Fence Monitoring Data						
Fence Damage Observed	Date/Time	Location	Repair Needed	Temporary Repair Completion Date	Permanent Repair Completion Date	Notification to DB
						



**Daily Biological Monitoring Log – Solar Millennium**  
**Blythe Solar Power Project Maintenance Period**  
 USFWS Biological Opinion FWS-ERIV-09B0186-10F0880  
 California Energy Commission Final Conditions of Certification 09-AFC-6

DT Fence Monitoring Data, continued						
Fence Damage Observed	Date/Time	Location	Repair Needed	Temporary Repair Completion Date	Permanent Repair Completion Date	Notification to DB

**Special-Status Species Observations (BIO-9, 16, 17, 18):** Kit Fox, American Badger, Burrowing Owl, Bird Nest, or Desert Tortoise. Record these special-status species if observed within the Phase 1A project area. See the WEAP training materials which describe these species (attached) and coordinate with the DB or BM regarding identification as needed, Notify the DB or BM to determine if protective measures are necessary.

Special-Status Species Observed						
Species	Date/Time	Location	Activity (of species)	GPS Coordinates	Protective Measures	Notification to DB/BM
<i>D</i>						

Notes/Comments Section					
Notes/comments are to be captured in chronological order. If follow up is required, please include notes detailing this.					
Time	ACT <sup>1</sup>	LOC <sup>2</sup>	Notes/Comments		CL <sup>3</sup>
IT RAINED	0.03"	OVER THE	WEEKEND.		

- Activity (ACT)<sup>1</sup>**
- DT Fencing
  - Access/egress
  - DT Fence repair
  - Check dam repair
  - SWPPP
  - Other (specify)
  - Weed treatment

- Location (LOC)<sup>2</sup>**
- DT Fence
  - Well Site
  - Access Road
  - Drainage Crossings
  - Other
  - Other
  - Other

- Compliance Levels (CL)<sup>3</sup>**
- Acceptable
  - Notification
  - Non-compliance
  - Non-compliance Resolution

Signature: \_\_\_\_\_

*[Handwritten Signature]*



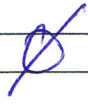
**Daily Biological Monitoring Log – Solar Millennium**  
**Blythe Solar Power Project Maintenance Period**  
 USFWS Biological Opinion FWS-ERIV-09B0186-10F0880  
 California Energy Commission Final Conditions of Certification 09-AFC-6

<b>Monitor:</b>	A SINGH		<b>Date:</b>	12/20/2011	
<b>Starting Location and Activity:</b>	DRACKER DRIVE		<b>Site Code:</b>	Blythe	
<b>Weather:</b>	SUNNY	<b>Start</b> : AM	MIDDAY :	<b>End</b> : PM	
<b>Rainfall?</b>	Temp: 53	1120	—	—	
Y <u>N</u>	% Cloud Cover:	Ø	—	—	
<b>Daily Monitoring Section</b>					
<b>Condition (BIO COC)</b>		<b>Compliance?</b>		<b>Comments</b>	
8.3. Speed limit 25mph, no off road activity		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A			
8.7. Night lighting avoids wildlife habitat		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A			
8.9. Vehicles/equipment checked for DT prior to movement		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A			
8.10. Wildlife pitfall (trenches/borers) and entrapment (pipes/culverts) areas checked. Cattle guards checked.		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A			
8.11. No project related standing water, note check times/locations (does not apply to naturally ponding rain water)		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A			
8.12. Road kill removed, note species/location		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A		NONE SEEN	
8.13. DB informed of hazardous spills with proper clean up/disposal, toxins avoided, hazardous materials stored in approved locations		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A		NO SPILLS	
8.14. Trash/food in sealed containers, removed daily		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A			
8.14. No pets/firearms/weapons, wildlife not fed		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A			
8.15. Erosion control (eg. silt fences) present and functioning		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A			
9, 16, 17, 18. Special status species observed? Describe below and report to DB/BM.		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A		NONE SEEN	
14. If present, are invasive weed species below reporting threshold? Describe below (see Weed ID Guide Instructions). Coordinate with Designated Botanist as needed.		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A			
9.1.d. DT exclusion fence intact? Note any repairs made to fencing. See monitoring details below.		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A			


DB=Designated Biologist, BM=Biological Monitor, DT=Desert Tortoise, COC=California Energy Commission Conditions of Certification

**Daily Biological Monitoring Log – Solar Millennium**  
**Blythe Solar Power Project Maintenance Period**  
*USFWS Biological Opinion FWS-ERIV-09B0186-10F0880*  
*California Energy Commission Final Conditions of Certification 09-AFC-6*


**BIO -13 - Raven Monitoring:** Weekly reconnaissance focusing on potential subsidies (waste disposal areas, erected structures and staged equipment, water). Coordinate with DB/BM on adaptive management measures. See Raven monitoring and control plan for details.

Raven Monitoring Data								
Number of Ravens Observed	Date/Time	Location	Project Feature	Activity (flying; ground; perching and type of perch).	Nest Sites (Location -GPS coordinates; status – occupied or unoccupied)	If Unoccupied was nest removed?	Is this a recurring observation?	Adaptive management strategy?
								

**BIO -14 - Weed Monitoring:** See attached weed monitoring guidebook. Document weeds accordingly. Coordinate with the DB and Designated Botanist on identification (as needed) and treatment recommendations.

Weed Monitoring Data						
Weed Species Observed	Date/Time	Location	Number of Individuals/ Size of Infested Area	GPS Coordinates	Are flowers present?	Treatment Recommendations
						

**BIO-9 - DT Fence Monitoring:** Monthly survey of entire fenceline to detect any damage or breaches. Inspect fencing within 24 hours of a major rain event. Inspect temporary fencing weekly. Repair any damage by temporary means immediately and permanently repair the fence within 48 hours. If DT could have entered, notify the DB who must conduct an inspection.

DT Fence Monitoring Data						
Fence Damage Observed	Date/Time	Location	Repair Needed	Temporary Repair Completion Date	Permanent Repair Completion Date	Notification to DB
						



**Daily Biological Monitoring Log – Solar Millennium**  
**Blythe Solar Power Project Maintenance Period**  
 USFWS Biological Opinion FWS-ERIV-09B0186-10F0880  
 California Energy Commission Final Conditions of Certification 09-AFC-6

DT Fence Monitoring Data, continued						
Fence Damage Observed	Date/Time	Location	Repair Needed	Temporary Repair Completion Date	Permanent Repair Completion Date	Notification to DB

**Special-Status Species Observations (BIO-9, 16, 17, 18):** Kit Fox, American Badger, Burrowing Owl, Bird Nest, or Desert Tortoise. Record these special-status species if observed within the Phase 1A project area. See the WEAP training materials which describe these species (attached) and coordinate with the DB or BM regarding identification as needed, Notify the DB or BM to determine if protective measures are necessary.

Special-Status Species Observed						
Species	Date/Time	Location	Activity (of species)	GPS Coordinates	Protective Measures	Notification to DB/BM

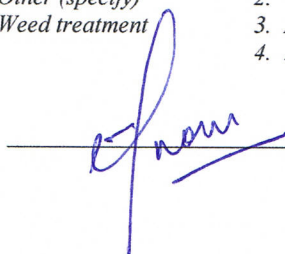
Notes/Comments Section					
Notes/comments are to be captured in chronological order. If follow up is required, please include notes detailing this.					
Time		ACT <sup>1</sup>	LOC <sup>2</sup>	Notes/Comments	CL <sup>3</sup>

- Activity (ACT)<sup>1</sup>**
- 1. DT Fencing
  - 2. Access/egress
  - 3. DT Fence repair
  - 4. Check dam repair
  - 4. SWPPP
  - 5. Other (specify)
  - 6. Weed treatment

- Location (LOC)<sup>2</sup>**
- 1. DT Fence
  - 2. Well Site
  - 3. Access Road
  - 4. Drainage Crossings
  - 5. Other \_\_\_\_\_
  - 6. Other \_\_\_\_\_
  - 7. Other \_\_\_\_\_

- Compliance Levels (CL)<sup>3</sup>**
- 1. Acceptable
  - 2. Notification
  - 3. Non-compliance
  - 4. Non-compliance Resolution

Signature: \_\_\_\_\_





**Daily Biological Monitoring Log – Solar Millennium  
Blythe Solar Power Project Maintenance Period**  
USFWS Biological Opinion FWS-ERIV-09B0186-10F0880  
California Energy Commission Final Conditions of Certification 09-AFC-6

<b>Monitor:</b>	A SINGH		<b>Date:</b>	12/21/2011	
<b>Starting Location and Activity:</b>	DRACKER DRIVE		<b>Site Code:</b>	Blythe	
<b>Weather:</b>	SUNNY	<b>Start</b> : AM	<b>Midday</b> :	<b>End</b> : PM	
<b>Rainfall?</b>	<b>Temp:</b> 55°	1100	—	—	
<b>Y <u>N</u></b>	<b>% Cloud Cover:</b>	0	—	—	
<b>Daily Monitoring Section</b>					
<b>Condition (BIO COC)</b>		<b>Compliance?</b>		<b>Comments</b>	
8.3. Speed limit 25mph, no off road activity		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A			
8.7. Night lighting avoids wildlife habitat		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A			
8.9. Vehicles/equipment checked for DT prior to movement		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A			
8.10. Wildlife pitfall (trenches/bore) and entrapment (pipes/culverts) areas checked. Cattle guards checked.		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A			
8.11. No project related standing water, note check times/locations (does not apply to naturally ponding rain water)		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A			
8.12. Road kill removed, note species/location		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A		NO SEEN	
8.13. DB informed of hazardous spills with proper clean up/disposal, toxins avoided, hazardous materials stored in approved locations		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A		NO SPILLS	
8.14. Trash/food in sealed containers, removed daily		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A			
8.14. No pets/firearms/weapons, wildlife not fed		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A			
8.15. Erosion control (eg. silt fences) present and functioning		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A			
9, 16, 17, 18. Special status species observed? Describe below and report to DB/BM.		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A		NONE SEEN	
14. If present, are invasive weed species below reporting threshold? Describe below (see Weed ID Guide Instructions). Coordinate with Designated Botanist as needed.		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A			
9.1.d. DT exclusion fence intact? Note any repairs made to fencing. See monitoring details below.		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A			

DB=Designated Biologist, BM=Biological Monitor, DT=Desert Tortoise, COC=California Energy Commission Conditions of Certification

**Daily Biological Monitoring Log – Solar Millennium**  
**Blythe Solar Power Project Maintenance Period**  
*USFWS Biological Opinion FWS-ERIV-09B0186-10F0880*  
*California Energy Commission Final Conditions of Certification 09-AFC-6*

**BIO -13 - Raven Monitoring:** Weekly reconnaissance focusing on potential subsidies (waste disposal areas, erected structures and staged equipment, water). Coordinate with DB/BM on adaptive management measures. See Raven monitoring and control plan for details.

Raven Monitoring Data								
Number of Ravens Observed	Date/Time	Location	Project Feature	Activity (flying; ground; perching and type of perch).	Nest Sites (Location -GPS coordinates; status – occupied or unoccupied)	If Unoccupied was nest removed?	Is this a recurring observation?	Adaptive management strategy?
0								

**BIO -14 - Weed Monitoring:** See attached weed monitoring guidebook. Document weeds accordingly. Coordinate with the DB and Designated Botanist on identification (as needed) and treatment recommendations.

Weed Monitoring Data						
Weed Species Observed	Date/Time	Location	Number of Individuals/ Size of Infested Area	GPS Coordinates	Are flowers present?	Treatment Recommendations
0						

**BIO-9 - DT Fence Monitoring:** Monthly survey of entire fenceline to detect any damage or breaches. Inspect fencing within 24 hours of a major rain event. Inspect temporary fencing weekly. Repair any damage by temporary means immediately and permanently repair the fence within 48 hours. If DT could have entered, notify the DB who must conduct an inspection.

DT Fence Monitoring Data						
Fence Damage Observed	Date/Time	Location	Repair Needed	Temporary Repair Completion Date	Permanent Repair Completion Date	Notification to DB
0						



# Daily Biological Monitoring Log – Solar Millennium

## Blythe Solar Power Project Maintenance Period

USFWS Biological Opinion FWS-ERIV-09B0186-10F0880

California Energy Commission Final Conditions of Certification 09-AFC-6

### DT Fence Monitoring Data, continued

Fence Damage Observed	Date/Time	Location	Repair Needed	Temporary Repair Completion Date	Permanent Repair Completion Date	Notification to DB

**Special-Status Species Observations (BIO-9, 16, 17, 18):** Kit Fox, American Badger, Burrowing Owl, Bird Nest, or Desert Tortoise. Record these special-status species if observed within the Phase 1A project area. See the WEAP training materials which describe these species (attached) and coordinate with the DB or BM regarding identification as needed, Notify the DB or BM to determine if protective measures are necessary.

### Special-Status Species Observed

Species	Date/Time	Location	Activity (of species)	GPS Coordinates	Protective Measures	Notification to DB/BM

### Notes/Comments Section

Notes/comments are to be captured in chronological order. If follow up is required, please include notes detailing this.

Time	ACT <sup>1</sup>	LOC <sup>2</sup>	Notes/Comments	CL <sup>3</sup>
1100	MONTHLY SITE VISIT ATTENDED BY AB COM BIO AND CULTURAL MONITORS.			
	ESA MONITOR JOINED AS BLM'S MONITOR.			

#### Activity (ACT)<sup>1</sup>

1. DT Fencing
2. Access/egress
3. DT Fence repair
4. Check dam repair
4. SWPPP
5. Other (specify)
6. Weed treatment

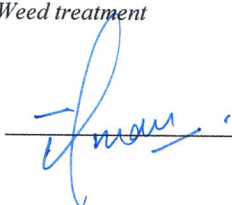
#### Location (LOC)<sup>2</sup>

1. DT Fence
2. Well Site
3. Access Road
4. Drainage Crossings
5. Other
6. Other
7. Other

#### Compliance Levels (CL)<sup>3</sup>

1. Acceptable
2. Notification
3. Non-compliance
4. Non-compliance Resolution

Signature:





**Daily Biological Monitoring Log – Solar Millennium**  
**Blythe Solar Power Project Maintenance Period**  
 USFWS Biological Opinion FWS-ERIV-09B0186-10F0880  
 California Energy Commission Final Conditions of Certification 09-AFC-6

<b>Monitor:</b>	A SINGH	<b>Date:</b>	12/22/11	
<b>Starting Location and Activity:</b>	DRACKER DRIVE	<b>Site Code:</b>	Blythe	
<b>Weather:</b>	WINDY CLEAR	<b>Start</b> : AM	<b>Midday</b> :	<b>End</b> : PM
<b>Rainfall?</b>	Temp: 45	0915	—	—
Y <u>N</u>	% Cloud Cover:	0	—	—

Daily Monitoring Section		
Condition (BIO COC)	Compliance?	Comments
8.3. Speed limit 25mph, no off road activity	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
8.7. Night lighting avoids wildlife habitat	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
8.9. Vehicles/equipment checked for DT prior to movement	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
8.10. Wildlife pitfall (trenches/bore) and entrapment (pipes/culverts) areas checked. Cattle guards checked.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
8.11. No project related standing water, note check times/locations (does not apply to naturally ponding rain water)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
8.12. Road kill removed, note species/location	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	NORIE SEEN
8.13. DB informed of hazardous spills with proper clean up/disposal, toxins avoided, hazardous materials stored in approved locations	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	NO SPILLS
8.14. Trash/food in sealed containers, removed daily	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
8.14. No pets/firearms/weapons, wildlife not fed	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
8.15. Erosion control (eg. silt fences) present and functioning	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
9, 16, 17, 18. Special status species observed? Describe below and report to DB/BM.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	NORIE SEEN
14. If present, are invasive weed species below reporting threshold? Describe below (see Weed ID Guide Instructions). Coordinate with Designated Botanist as needed.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
9.1.d. DT exclusion fence intact? Note any repairs made to fencing. See monitoring details below.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	

DB=Designated Biologist, BM=Biological Monitor, DT=Desert Tortoise, COC=California Energy Commission Conditions of Certification

**Daily Biological Monitoring Log – Solar Millennium**  
**Blythe Solar Power Project Maintenance Period**  
*USFWS Biological Opinion FWS-ERIV-09B0186-10F0880*  
*California Energy Commission Final Conditions of Certification 09-AFC-6*

**BIO -13 - Raven Monitoring:** Weekly reconnaissance focusing on potential subsidies (waste disposal areas, erected structures and staged equipment, water). Coordinate with DB/BM on adaptive management measures. See Raven monitoring and control plan for details.

Raven Monitoring Data								
Number of Ravens Observed	Date/Time	Location	Project Feature	Activity (flying; ground; perching and type of perch).	Nest Sites (Location -GPS coordinates; status – occupied or unoccupied)	If Unoccupied was nest removed?	Is this a recurring observation?	Adaptive management strategy?
0								

**BIO -14 - Weed Monitoring:** See attached weed monitoring guidebook. Document weeds accordingly. Coordinate with the DB and Designated Botanist on identification (as needed) and treatment recommendations.

Weed Monitoring Data						
Weed Species Observed	Date/Time	Location	Number of Individuals/ Size of Infested Area	GPS Coordinates	Are flowers present?	Treatment Recommendations
0						

**BIO-9 - DT Fence Monitoring:** Monthly survey of entire fenceline to detect any damage or breaches. Inspect fencing within 24 hours of a major rain event. Inspect temporary fencing weekly. Repair any damage by temporary means immediately and permanently repair the fence within 48 hours. If DT could have entered, notify the DB who must conduct an inspection.

DT Fence Monitoring Data						
Fence Damage Observed	Date/Time	Location	Repair Needed	Temporary Repair Completion Date	Permanent Repair Completion Date	Notification to DB
0						



# Daily Biological Monitoring Log – Solar Millennium

## Blythe Solar Power Project Maintenance Period

USFWS Biological Opinion FWS-ERIV-09B0186-10F0880


California Energy Commission Final Conditions of Certification 09-AFC-6

### DT Fence Monitoring Data, continued

Fence Damage Observed	Date/Time	Location	Repair Needed	Temporary Repair Completion Date	Permanent Repair Completion Date	Notification to DB

**Special-Status Species Observations (BIO-9, 16, 17, 18):** Kit Fox, American Badger, Burrowing Owl, Bird Nest, or Desert Tortoise. Record these special-status species if observed within the Phase 1A project area. See the WEAP training materials which describe these species (attached) and coordinate with the DB or BM regarding identification as needed. Notify the DB or BM to determine if protective measures are necessary.

### Special-Status Species Observed

Species	Date/Time	Location	Activity (of species)	GPS Coordinates	Protective Measures	Notification to DB/BM
						

### Notes/Comments Section

Notes/comments are to be captured in chronological order. If follow up is required, please include notes detailing this.

Time	ACT <sup>1</sup>	LOC <sup>2</sup>	Notes/Comments	CL <sup>3</sup>

#### Activity (ACT)<sup>1</sup>

1. DT Fencing
2. Access/egress
3. DT Fence repair
4. Check dam repair
4. SWPPP
5. Other (specify)
6. Weed treatment

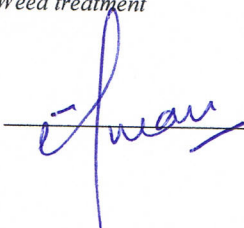
#### Location (LOC)<sup>2</sup>

1. DT Fence
2. Well Site
3. Access Road
4. Drainage Crossings
5. Other \_\_\_\_\_
6. Other \_\_\_\_\_
7. Other \_\_\_\_\_

#### Compliance Levels (CL)<sup>3</sup>

1. Acceptable
2. Notification
3. Non-compliance
4. Non-compliance Resolution

Signature:





**Daily Biological Monitoring Log – Solar Millennium  
Blythe Solar Power Project Maintenance Period  
USFWS Biological Opinion FWS-ERIV-09B0186-10F0880  
California Energy Commission Final Conditions of Certification 09-AFC-6**

<b>Monitor:</b>	A SINGH		<b>Date:</b>	12/27/11	
<b>Starting Location and Activity:</b>	DRACKER DR.		<b>Site Code:</b>	Blythe	
<b>Weather:</b>	CLEAR	<b>Start</b> : AM	<b>Midday</b> :	<b>End</b> : PM	
<b>Rainfall?</b>	<b>Temp:</b>	1315	—	—	
Y <u>N</u>	<b>% Cloud Cover:</b>	0	—	—	
<b>Daily Monitoring Section</b>					
<b>Condition (BIO COC)</b>		<b>Compliance?</b>		<b>Comments</b>	
8.3. Speed limit 25mph, no off road activity		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A			
8.7. Night lighting avoids wildlife habitat		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A			
8.9. Vehicles/equipment checked for DT prior to movement		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A			
8.10. Wildlife pitfall (trenches/bore) and entrapment (pipes/culverts) areas checked. Cattle guards checked.		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A			
8.11. No project related standing water, note check times/locations (does not apply to naturally ponding rain water)		<input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A			
8.12. Road kill removed, note species/location		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A		NONE SEEN	
8.13. DB informed of hazardous spills with proper clean up/disposal, toxins avoided, hazardous materials stored in approved locations		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A		NO SPILLS	
8.14. Trash/food in sealed containers, removed daily		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A			
8.14. No pets/firearms/weapons, wildlife not fed		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A			
8.15. Erosion control (eg. silt fences) present and functioning		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A			
9, 16, 17, 18. Special status species observed? Describe below and report to DB/BM.		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A		NONE SEEN	
14. If present, are invasive weed species below reporting threshold? Describe below (see Weed ID Guide Instructions). Coordinate with Designated Botanist as needed.		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A			
9.1.d. DT exclusion fence intact? Note any repairs made to fencing. See monitoring details below.		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A			

DB=Designated Biologist, BM=Biological Monitor, DT=Desert Tortoise, COC=California Energy Commission Conditions of Certification

**Daily Biological Monitoring Log – Solar Millennium**  
**Blythe Solar Power Project Maintenance Period**  
*USFWS Biological Opinion FWS-ERIV-09B0186-10F0880*  
*California Energy Commission Final Conditions of Certification 09-AFC-6*

**BIO -13 - Raven Monitoring:** Weekly reconnaissance focusing on potential subsidies (waste disposal areas, erected structures and staged equipment, water). Coordinate with DB/BM on adaptive management measures. See Raven monitoring and control plan for details.

Raven Monitoring Data								
Number of Ravens Observed	Date/Time	Location	Project Feature	Activity (flying; ground; perching and type of perch).	Nest Sites (Location -GPS coordinates; status – occupied or unoccupied)	If Unoccupied was nest removed?	Is this a recurring observation?	Adaptive management strategy?
0								

**BIO -14 - Weed Monitoring:** See attached weed monitoring guidebook. Document weeds accordingly. Coordinate with the DB and Designated Botanist on identification (as needed) and treatment recommendations.

Weed Monitoring Data						
Weed Species Observed	Date/Time	Location	Number of Individuals/ Size of Infested Area	GPS Coordinates	Are flowers present?	Treatment Recommendations
0						

**BIO-9 - DT Fence Monitoring:** Monthly survey of entire fenceline to detect any damage or breaches. Inspect fencing within 24 hours of a major rain event. Inspect temporary fencing weekly. Repair any damage by temporary means immediately and permanently repair the fence within 48 hours. If DT could have entered, notify the DB who must conduct an inspection.

DT Fence Monitoring Data						
Fence Damage Observed	Date/Time	Location	Repair Needed	Temporary Repair Completion Date	Permanent Repair Completion Date	Notification to DB
0						



# Daily Biological Monitoring Log – Solar Millennium

## Blythe Solar Power Project Maintenance Period

USFWS Biological Opinion FWS-ERIV-09B0186-10F0880

California Energy Commission Final Conditions of Certification 09-AFC-6

### DT Fence Monitoring Data, continued

Fence Damage Observed	Date/Time	Location	Repair Needed	Temporary Repair Completion Date	Permanent Repair Completion Date	Notification to DB

**Special-Status Species Observations (BIO-9, 16, 17, 18):** Kit Fox, American Badger, Burrowing Owl, Bird Nest, or Desert Tortoise. Record these special-status species if observed within the Phase 1A project area. See the WEAP training materials which describe these species (attached) and coordinate with the DB or BM regarding identification as needed. Notify the DB or BM to determine if protective measures are necessary.

### Special-Status Species Observed

Species	Date/Time	Location	Activity (of species)	GPS Coordinates	Protective Measures	Notification to DB/BM

### Notes/Comments Section

Notes/comments are to be captured in chronological order. If follow up is required, please include notes detailing this.

Time	ACT <sup>1</sup>	LOC <sup>2</sup>	Notes/Comments	CL <sup>3</sup>

#### Activity (ACT)<sup>1</sup>

1. DT Fencing
2. Access/egress
3. DT Fence repair
4. Check dam repair
4. SWPPP
5. Other (specify)
6. Weed treatment

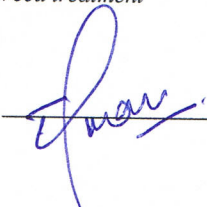
#### Location (LOC)<sup>2</sup>

1. DT Fence
2. Well Site
3. Access Road
4. Drainage Crossings
5. Other \_\_\_\_\_
6. Other \_\_\_\_\_
7. Other \_\_\_\_\_

#### Compliance Levels (CL)<sup>3</sup>

1. Acceptable
2. Notification
3. Non-compliance
4. Non-compliance Resolution

Signature: \_\_\_\_\_





**Daily Biological Monitoring Log – Solar Millennium**  
**Blythe Solar Power Project Maintenance Period**  
 USFWS Biological Opinion FWS-ERIV-09B0186-10F0880  
 California Energy Commission Final Conditions of Certification 09-AFC-6

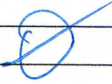
<b>Monitor:</b>	A SINGH		<b>Date:</b>	12/28/11	
<b>Starting Location and Activity:</b>	DRACKER DRIVE		<b>Site Code:</b>	Blythe	
<b>Weather:</b>	CLEAR	<b>Start</b> : AM	1445	<b>Midday</b> :	<b>End</b> : PM
<b>Rainfall?</b>	Temp: 71			—	—
Y <u>N</u>	% Cloud Cover:		0	—	—

Daily Monitoring Section		
Condition (BIO COC)	Compliance?	Comments
8.3. Speed limit 25mph, no off road activity	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
8.7. Night lighting avoids wildlife habitat	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
8.9. Vehicles/equipment checked for DT prior to movement	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
8.10. Wildlife pitfall (trenches/bores) and entrapment (pipes/culverts) areas checked. Cattle guards checked.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
8.11. No project related standing water, note check times/locations (does not apply to naturally ponding rain water)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
8.12. Road kill removed, note species/location	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	NONE SEEN
8.13. DB informed of hazardous spills with proper clean up/disposal, toxins avoided, hazardous materials stored in approved locations	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	NO SPILLS
8.14. Trash/food in sealed containers, removed daily	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
8.14. No pets/firearms/weapons, wildlife not fed	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
8.15. Erosion control (eg. silt fences) present and functioning	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
9, 16, 17, 18. Special status species observed? Describe below and report to DB/BM.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	NONE SEEN
14. If present, are invasive weed species below reporting threshold? Describe below (see Weed ID Guide Instructions). Coordinate with Designated Botanist as needed.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
9.1.d. DT exclusion fence intact? Note any repairs made to fencing. See monitoring details below.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	

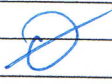
DB=Designated Biologist, BM=Biological Monitor, DT=Desert Tortoise, COC=California Energy Commission Conditions of Certification

**Daily Biological Monitoring Log – Solar Millennium**  
**Blythe Solar Power Project Maintenance Period**  
*USFWS Biological Opinion FWS-ERIV-09B0186-10F0880*  
*California Energy Commission Final Conditions of Certification 09-AFC-6*

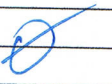
**BIO -13 - Raven Monitoring:** Weekly reconnaissance focusing on potential subsidies (waste disposal areas, erected structures and staged equipment, water). Coordinate with DB/BM on adaptive management measures. See Raven monitoring and control plan for details.

Raven Monitoring Data								
Number of Ravens Observed	Date/Time	Location	Project Feature	Activity (flying; ground; perching and type of perch).	Nest Sites (Location -GPS coordinates; status – occupied or unoccupied)	If Unoccupied was nest removed?	Is this a recurring observation?	Adaptive management strategy?
								

**BIO -14 - Weed Monitoring:** See attached weed monitoring guidebook. Document weeds accordingly. Coordinate with the DB and Designated Botanist on identification (as needed) and treatment recommendations.

Weed Monitoring Data						
Weed Species Observed	Date/Time	Location	Number of Individuals/ Size of Infested Area	GPS Coordinates	Are flowers present?	Treatment Recommendations
						

**BIO-9 - DT Fence Monitoring:** Monthly survey of entire fenceline to detect any damage or breaches. Inspect fencing within 24 hours of a major rain event. Inspect temporary fencing weekly. Repair any damage by temporary means immediately and permanently repair the fence within 48 hours. If DT could have entered, notify the DB who must conduct an inspection.

DT Fence Monitoring Data						
Fence Damage Observed	Date/Time	Location	Repair Needed	Temporary Repair Completion Date	Permanent Repair Completion Date	Notification to DB
						



# Daily Biological Monitoring Log – Solar Millennium

## Blythe Solar Power Project Maintenance Period

USFWS Biological Opinion FWS-ERIV-09B0186-10F0880


California Energy Commission Final Conditions of Certification 09-AFC-6

### DT Fence Monitoring Data, continued

Fence Damage Observed	Date/Time	Location	Repair Needed	Temporary Repair Completion Date	Permanent Repair Completion Date	Notification to DB

**Special-Status Species Observations (BIO-9, 16, 17, 18):** Kit Fox, American Badger, Burrowing Owl, Bird Nest, or Desert Tortoise. Record these special-status species if observed within the Phase 1A project area. See the WEAP training materials which describe these species (attached) and coordinate with the DB or BM regarding identification as needed, Notify the DB or BM to determine if protective measures are necessary.

### Special-Status Species Observed

Species	Date/Time	Location	Activity (of species)	GPS Coordinates	Protective Measures	Notification to DB/BM
						

### Notes/Comments Section

Notes/comments are to be captured in chronological order. If follow up is required, please include notes detailing this.

Time	ACT <sup>1</sup>	LOC <sup>2</sup>	Notes/Comments	CL <sup>3</sup>

#### Activity (ACT)<sup>1</sup>

1. DT Fencing
2. Access/egress
3. DT Fence repair
4. Check dam repair
4. SWPPP
5. Other (specify)
6. Weed treatment

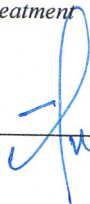
#### Location (LOC)<sup>2</sup>

1. DT Fence
2. Well Site
3. Access Road
4. Drainage Crossings
5. Other
6. Other
7. Other

#### Compliance Levels (CL)<sup>3</sup>

1. Acceptable
2. Notification
3. Non-compliance
4. Non-compliance Resolution

Signature:






**Daily Biological Monitoring Log – Solar Millennium  
Blythe Solar Power Project Maintenance Period  
USFWS Biological Opinion FWS-ERIV-09B0186-10F0880  
California Energy Commission Final Conditions of Certification 09-AFC-6**

<b>Monitor:</b>	A SINGH		<b>Date:</b>	12/29/11	
<b>Starting Location and Activity:</b>	BRACER DRIVE		<b>Site Code:</b>	Blythe	
<b>Weather:</b>	CLEAR	<b>Start</b> : AM	<b>Midday</b> :	<b>End</b> : PM	
<b>Rainfall?</b>	Temp: 65	1250	—	—	
Y <u>N</u>	% Cloud Cover:	0	—	—	
<b>Daily Monitoring Section</b>					
<b>Condition (BIO COC)</b>		<b>Compliance?</b>		<b>Comments</b>	
8.3. Speed limit 25mph, no off road activity		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A			
8.7. Night lighting avoids wildlife habitat		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A			
8.9. Vehicles/equipment checked for DT prior to movement		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A			
8.10. Wildlife pitfall (trenches/bore) and entrapment (pipes/culverts) areas checked. Cattle guards checked.		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A			
8.11. No project related standing water, note check times/locations (does not apply to naturally ponding rain water)		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A			
8.12. Road kill removed, note species/location		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A		NONE SEEN	
8.13. DB informed of hazardous spills with proper clean up/disposal, toxins avoided, hazardous materials stored in approved locations		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A		NO SPILLS	
8.14. Trash/food in sealed containers, removed daily		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A			
8.14. No pets/firearms/weapons, wildlife not fed		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A			
8.15. Erosion control (eg. silt fences) present and functioning		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A			
9, 16, 17, 18. Special status species observed? Describe below and report to DB/BM.		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A		NONE SEEN	
14. If present, are invasive weed species below reporting threshold? Describe below (see Weed ID Guide Instructions). Coordinate with Designated Botanist as needed.		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A			
9.1.d. DT exclusion fence intact? Note any repairs made to fencing. See monitoring details below.		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A			


DB=Designated Biologist, BM=Biological Monitor, DT=Desert Tortoise, COC=California Energy Commission Conditions of Certification

**Daily Biological Monitoring Log – Solar Millennium**  
**Blythe Solar Power Project Maintenance Period**  
*USFWS Biological Opinion FWS-ERIV-09B0186-10F0880*  
*California Energy Commission Final Conditions of Certification 09-AFC-6*


**BIO -13 - Raven Monitoring:** Weekly reconnaissance focusing on potential subsidies (waste disposal areas, erected structures and staged equipment, water). Coordinate with DB/BM on adaptive management measures. See Raven monitoring and control plan for details.

Raven Monitoring Data								
Number of Ravens Observed	Date/Time	Location	Project Feature	Activity (flying; ground; perching and type of perch).	Nest Sites (Location -GPS coordinates; status – occupied or unoccupied)	If Unoccupied was nest removed?	Is this a recurring observation?	Adaptive management strategy?
								

**BIO -14 - Weed Monitoring:** See attached weed monitoring guidebook. Document weeds accordingly. Coordinate with the DB and Designated Botanist on identification (as needed) and treatment recommendations.

Weed Monitoring Data						
Weed Species Observed	Date/Time	Location	Number of Individuals/ Size of Infested Area	GPS Coordinates	Are flowers present?	Treatment Recommendations
						

**BIO-9 - DT Fence Monitoring:** Monthly survey of entire fenceline to detect any damage or breaches. Inspect fencing within 24 hours of a major rain event. Inspect temporary fencing weekly. Repair any damage by temporary means immediately and permanently repair the fence within 48 hours. If DT could have entered, notify the DB who must conduct an inspection.

DT Fence Monitoring Data						
Fence Damage Observed	Date/Time	Location	Repair Needed	Temporary Repair Completion Date	Permanent Repair Completion Date	Notification to DB
						



**Daily Biological Monitoring Log – Solar Millennium**  
**Blythe Solar Power Project Maintenance Period**  
 USFWS Biological Opinion FWS-ERIV-09B0186-10F0880  
 California Energy Commission Final Conditions of Certification 09-AFC-6

DT Fence Monitoring Data, continued						
Fence Damage Observed	Date/Time	Location	Repair Needed	Temporary Repair Completion Date	Permanent Repair Completion Date	Notification to DB

**Special-Status Species Observations (BIO-9, 16, 17, 18):** Kit Fox, American Badger, Burrowing Owl, Bird Nest, or Desert Tortoise. Record these special-status species if observed within the Phase 1A project area. See the WEAP training materials which describe these species (attached) and coordinate with the DB or BM regarding identification as needed. Notify the DB or BM to determine if protective measures are necessary.

Special-Status Species Observed						
Species	Date/Time	Location	Activity (of species)	GPS Coordinates	Protective Measures	Notification to DB/BM

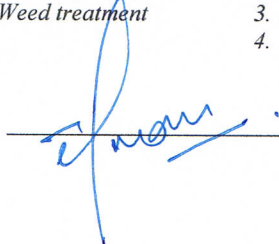
Notes/Comments Section					
Notes/comments are to be captured in chronological order. If follow up is required, please include notes detailing this.					
Time	ACT <sup>1</sup>	LOC <sup>2</sup>	Notes/Comments		CL <sup>3</sup>

- Activity (ACT)<sup>1</sup>**
- DT Fencing
  - Access/egress
  - DT Fence repair
  - Check dam repair
  - SWPPP
  - Other (specify) \_\_\_\_\_
  - Weed treatment

- Location (LOC)<sup>2</sup>**
- DT Fence
  - Well Site
  - Access Road
  - Drainage Crossings
  - Other \_\_\_\_\_
  - Other \_\_\_\_\_
  - Other \_\_\_\_\_

- Compliance Levels (CL)<sup>3</sup>**
- Acceptable
  - Notification
  - Non-compliance
  - Non-compliance Resolution

Signature: \_\_\_\_\_





**Daily Biological Monitoring Log – Solar Millennium  
Blythe Solar Power Project Maintenance Period**  
USFWS Biological Opinion FWS-ERIV-09B0186-10F0880  
California Energy Commission Final Conditions of Certification 09-AFC-6


<b>Monitor:</b>	A SINGH		<b>Date:</b>	12/30/2011	
<b>Starting Location and Activity:</b>	DRACKER DRIVE		<b>Site Code:</b>	Blythe	
<b>Weather:</b>	CLEAR	<b>Start</b> : AM	<b>Midday</b> :	<b>End</b> : PM	
<b>Rainfall?</b>	<b>Temp:</b> 56	0930	—	—	
<b>Y N</b>	<b>% Cloud Cover:</b>	0	—	—	
<b>Daily Monitoring Section</b>					
<b>Condition (BIO COC)</b>		<b>Compliance?</b>		<b>Comments</b>	
8.3. Speed limit 25mph, no off road activity		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A			
8.7. Night lighting avoids wildlife habitat		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A			
8.9. Vehicles/equipment checked for DT prior to movement		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A			
8.10. Wildlife pitfall (trenches/bore) and entrapment (pipes/culverts) areas checked. Cattle guards checked.		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A			
8.11. No project related standing water, note check times/locations (does not apply to naturally ponding rain water)		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A			
8.12. Road kill removed, note species/location		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A		NONE SEEN	
8.13. DB informed of hazardous spills with proper clean up/disposal, toxins avoided, hazardous materials stored in approved locations		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A		NO SPILLS	
8.14. Trash/food in sealed containers, removed daily		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A			
8.14. No pets/firearms/weapons, wildlife not fed		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A			
8.15. Erosion control (eg. silt fences) present and functioning		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A			
9, 16, 17, 18. Special status species observed? Describe below and report to DB/BM.		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A			
14. If present, are invasive weed species below reporting threshold? Describe below (see Weed ID Guide Instructions). Coordinate with Designated Botanist as needed.		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A		NONE SEEN	
9.1.d. DT exclusion fence intact? Note any repairs made to fencing. See monitoring details below.		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A			

DB=Designated Biologist, BM=Biological Monitor, DT=Desert Tortoise, COC=California Energy Commission Conditions of Certification




**Daily Biological Monitoring Log – Solar Millennium**  
**Blythe Solar Power Project Maintenance Period**  
*USFWS Biological Opinion FWS-ERIV-09B0186-10F0880*  
*California Energy Commission Final Conditions of Certification 09-AFC-6*


**BIO -13 - Raven Monitoring:** Weekly reconnaissance focusing on potential subsidies (waste disposal areas, erected structures and staged equipment, water). Coordinate with DB/BM on adaptive management measures. See Raven monitoring and control plan for details.

Raven Monitoring Data								
Number of Ravens Observed	Date/Time	Location	Project Feature	Activity (flying; ground; perching and type of perch).	Nest Sites (Location -GPS coordinates; status – occupied or unoccupied)	If Unoccupied was nest removed?	Is this a recurring observation?	Adaptive management strategy?
								

**BIO -14 - Weed Monitoring:** See attached weed monitoring guidebook. Document weeds accordingly. Coordinate with the DB and Designated Botanist on identification (as needed) and treatment recommendations.

Weed Monitoring Data						
Weed Species Observed	Date/Time	Location	Number of Individuals/ Size of Infested Area	GPS Coordinates	Are flowers present?	Treatment Recommendations
						

**BIO-9 - DT Fence Monitoring:** Monthly survey of entire fenceline to detect any damage or breaches. Inspect fencing within 24 hours of a major rain event. Inspect temporary fencing weekly. Repair any damage by temporary means immediately and permanently repair the fence within 48 hours. If DT could have entered, notify the DB who must conduct an inspection.

DT Fence Monitoring Data						
Fence Damage Observed	Date/Time	Location	Repair Needed	Temporary Repair Completion Date	Permanent Repair Completion Date	Notification to DB
						

**Daily Biological Monitoring Log – Solar Millennium**  
**Blythe Solar Power Project Maintenance Period**  
 USFWS Biological Opinion FWS-ERIV-09B0186-10F0880  
 California Energy Commission Final Conditions of Certification 09-AFC-6

DT Fence Monitoring Data, continued						
Fence Damage Observed	Date/Time	Location	Repair Needed	Temporary Repair Completion Date	Permanent Repair Completion Date	Notification to DB

**Special-Status Species Observations (BIO-9, 16, 17, 18):** Kit Fox, American Badger, Burrowing Owl, Bird Nest, or Desert Tortoise. Record these special-status species if observed within the Phase 1A project area. See the WEAP training materials which describe these species (attached) and coordinate with the DB or BM regarding identification as needed, Notify the DB or BM to determine if protective measures are necessary.

Special-Status Species Observed						
Species	Date/Time	Location	Activity (of species)	GPS Coordinates	Protective Measures	Notification to DB/BM

Notes/Comments Section					
Notes/comments are to be captured in chronological order. If follow up is required, please include notes detailing this.					
Time		ACT <sup>1</sup>	LOC <sup>2</sup>	Notes/Comments	CL <sup>3</sup>

- |   |   |  |
|---|---|--|
| <b>Activity (ACT)<sup>1</sup></b><br>1. DT Fencing      4. SWPPP<br>2. Access/egress    5. Other (specify) _____<br>3. DT Fence repair   6. Weed treatment<br>4. Check dam repair | <b>Location (LOC)<sup>2</sup></b><br>1. DT Fence      5. Other _____<br>2. Well Site      6. Other _____<br>3. Access Road    7. Other _____<br>4. Drainage Crossings | <b>Compliance Levels (CL)<sup>3</sup></b><br>1. Acceptable<br>2. Notification<br>3. Non-compliance<br>4. Non-compliance Resolution |
|---|---|--|

Signature: \_\_\_\_\_

